

Data Sheet		SO30 30 Shore OO Sorbothane® Polyurethane Sheet & Moulded Components	
Data Sheet Type	Final		
Material Reference	SO30	POE IN THE	REACH
Polymer	Polyurethane		
Date Issued	08/09/25		

## Description

SO30 30° Shore OO Sorbothane is a Polyurethane Compound that can be supplied as sheets and can be moulded into components. Sorbothane is a super-soft polyurethane that exhibits properties of both liquids and solids. Designed to absorb energy and widely used for shock absorption and impact dampening.



Acoustic Properties - Transmission in Air         > 40 dec/cm         None           Bacterial Resistance         No Growth         None           Bulk Modulus         2.86 gPascal         None           Chemical Resistance to Diesel         6.4 %         None           Chemical Resistance to Hydraulic Fluid         -1.4 %         None           Chemical Resistance to Soap Solution         5 %         None           Colour         Black         None           Compressive Stress © 50%         6.07 kg/cm3         None           Compressive Stress © 20%         0.45 kg/cm3         None           Dielectric Strength         241 v/mil         None           Dynamic Youngs Modulus © 15 hertz         9.51 kg/cm2         None           Dynamic Youngs Modulus © 30 hertz         13.1 kg/cm2         None           Dynamic Youngs Modulus © 5 hertz         6.34 kg/cm2         None           Dynamic Youngs Modulus © 50 hertz         17.33 kg/cm2         None           Elongation at Break         8.82 %         ASTM D412           Flash Ignition Flammability         317 °C         None           Flungal Resistance         No Growth         None           Glass Transition         38.7 °C         None           Highest Recommend	Specifications	Values	Test Methods
Bulk Modulus         2.86 gPascal         None           Chemical Resistance to Diesel         6.4 %         None           Chemical Resistance to Hydraulic Fluid         -1.4 %         None           Chemical Resistance to Kerosene         4.3 %         None           Chemical Resistance to Soap Solution         5 %         None           Colour         Black         None           Compressive Stress @ 50%         6.07 kg/cm3         None           Compressive Stress @ 20%         0.45 kg/cm3         None           Dielectric Strength         241 v/mil         None           Dynamic Youngs Modulus @ 15 hertz         9.51 kg/cm2         None           Dynamic Youngs Modulus @ 30 hertz         13.1 kg/cm2         None           Dynamic Youngs Modulus @ 5 hertz         6.34 kg/cm2         None           Dynamic Youngs Modulus @ 50 hertz         17.33 kg/cm2         None           Elongation at Break         8.82 %         ASTM D412           Flash Ignition Flammability         317 °C         None           Flash Ignition Flammability         38.7 °C         None           Highest Recommended Working Temperature         96 °C         None           Lowest Recommended Working Temperature         2.5 °C         None	Acoustic Properties - Transmission in Air	> 40 dec/cm	None
Chemical Resistance to Diesel         6.4 %         None           Chemical Resistance to Hydraulic Fluid         -1.4 %         None           Chemical Resistance to Kerosene         4.3 %         None           Chemical Resistance to Soap Solution         5 %         None           Colour         Black         None           Compressive Stress © 50%         0.45 kg/cm3         None           Compressive Stress © 20%         0.45 kg/cm3         None           Dielectric Strength         241 v/mil         None           Dynamic Youngs Modulus © 15 hertz         9.51 kg/cm2         None           Dynamic Youngs Modulus © 30 hertz         13.1 kg/cm2         None           Dynamic Youngs Modulus © 50 hertz         17.33 kg/cm2         None           Dynamic Youngs Modulus © 50 hertz         17.33 kg/cm2         None           Dynamic Youngs Modulus © 50 hertz         17.33 kg/cm2         None           Elongation at Break         8.82 %         ASTM D412           Flash Ignition Flammability         317 °C         None           Flash Ignition Flammability         387 °C         None           Heat Ageing         Stable         None           Highest Recommended Working Temperature         15 °C         None	Bacterial Resistance	No Growth	None
Chemical Resistance to Hydraulic Fluid         -1.4 %         None           Chemical Resistance to Kerosene         4.3 %         None           Chemical Resistance to Soap Solution         5 %         None           Colour         Black         None           Compressive Stress @ 50%         6.07 kg/cm3         None           Compressive Stress @ 20%         0.45 kg/cm3         None           Dielectric Strength         241 v/mil         None           Dynamic Youngs Modulus @ 15 hertz         9.51 kg/cm2         None           Dynamic Youngs Modulus @ 30 hertz         13.1 kg/cm2         None           Dynamic Youngs Modulus @ 50 hertz         13.1 kg/cm2         None           Dynamic Youngs Modulus @ 50 hertz         17.33 kg/cm2         None           Dynamic Youngs Modulus @ 50 hertz         17.33 kg/cm2         None           Elongation at Break         8.82 %         ASTM D412           Flash Ignition Flammability         317 °C         None           Flugal Resistance         No Growth         None           Glass Transition         -38.7 °C         None           Heat Ageing         Stable         None           Highest Recommended Working Temperature         -15 °C         None           Lowest Recom	Bulk Modulus	2.86 gPascal	None
Chemical Resistance to Kerosene         4.3 %         None           Chemical Resistance to Soap Solution         5 %         None           Colour         Black         None           Compressive Stress @ 50%         6.07 kg/cm3         None           Compressive Stress @ 20%         0.45 kg/cm3         None           Dielectric Strength         241 v/mil         None           Dynamic Youngs Modulus @ 15 hertz         9.51 kg/cm2         None           Dynamic Youngs Modulus @ 30 hertz         13.1 kg/cm2         None           Dynamic Youngs Modulus @ 5 hertz         6.34 kg/cm2         None           Dynamic Youngs Modulus @ 50 hertz         17.33 kg/cm2         None           Dynamic Youngs Modulus @ 5 hertz         8.82 %         ASTM D412           Elongation at Break         8.82 %         ASTM D412           Flash Ignition Flammability         317 °C         None           Flungal Resistance         No Growth         None           Glass Transition         38.7 °C         None           Heat Ageing         Stable         None           Highest Recommended Working Temperature         -15 °C         None           Lowest Recommended Working Temperature         -15 °C         None           Resilience Test	Chemical Resistance to Diesel	6.4 %	None
Chemical Resistance to Soap Solution         5 %         None           Colour         Black         None           Compressive Stress @ 50%         6.07 kg/cm3         None           Compressive Stress @ 20%         0.45 kg/cm3         None           Dielectric Strength         241 v/mil         None           Dynamic Youngs Modulus @ 15 hertz         9.51 kg/cm2         None           Dynamic Youngs Modulus @ 30 hertz         13.1 kg/cm2         None           Dynamic Youngs Modulus @ 5 hertz         6.34 kg/cm2         None           Dynamic Youngs Modulus @ 50 hertz         17.33 kg/cm2         None           Dynamic Youngs Modulus @ 50 hertz         8.82 %         ASTM D412           Dynamic Youngs Modulus @ 50 hertz         17.33 kg/cm2         None           Dynamic Youngs Modulus @ 50 hertz         17.33 kg/cm2         None           Dynamic Youngs Modulus @ 50 hertz         8.82 %         ASTM D412           Dynamic Youngs Modulus @ 50 hertz         17.33 kg/cm2         None           Dynamic Youngs Modulus @ 50 hertz         8.82 %         ASTM D412           Dynamic Youngs Modulus @ 50 hertz         8.82 %         ASTM D412           Dynamic Youngs Modulus @ 50 hertz         8.82 %         None           Longation & Streak         8.82	Chemical Resistance to Hydraulic Fluid	-1.4 %	None
Colour         Black         None           Compressive Stress @ 50%         6.07 kg/cm3         None           Compressive Stress @ 20%         0.45 kg/cm3         None           Dielectric Strength         241 v/mil         None           Dynamic Youngs Modulus @ 15 hertz         9.51 kg/cm2         None           Dynamic Youngs Modulus @ 30 hertz         13.1 kg/cm2         None           Dynamic Youngs Modulus @ 50 hertz         17.33 kg/cm2         None           Elongation at Break         8.82 %         ASTM D412           Flash Ignition Flammability         317 °C         None           Fungal Resistance         No Growth         None           Glass Transition         -38.7 °C         None           Heat Ageing         Stable         None           Highest Recommended Working Temperature         98 °C         None           Lowest Recommended Working Temperature         15 °C         None           Voore Resistance         Special Compound Option         ASTM D1149 Type A           Sell Ignition Flammability         417 °C         None           Sell Ignition Flammability         417 °C         None           Sell Ignition Flammability         1372 g/cm 3         ASTM D2240           Tan Delta @ 15 Hert	Chemical Resistance to Kerosene	4.3 %	None
Compressive Stress @ 50%         6.07 kg/cm3         None           Compressive Stress @ 20%         0.45 kg/cm3         None           Dielectric Strength         241 v/mil         None           Dynamic Youngs Modulus @ 15 hertz         9.51 kg/cm2         None           Dynamic Youngs Modulus @ 30 hertz         13.1 kg/cm2         None           Dynamic Youngs Modulus @ 5 hertz         6.34 kg/cm2         None           Dynamic Youngs Modulus @ 50 hertz         17.33 kg/cm2         None           Elongation at Break         8.82 %         ASTM D412           Flash Ignition Flammability         317 °C         None           Fungal Resistance         No Growth         None           Glass Transition         -38.7 °C         None           Heat Ageing         Stable         None           Highest Recommended Working Temperature         98 °C         None           Lowest Recommended Working Temperature         15 °C         None           Voorage Resistance         Special Compound Option         ASTM D1149 Type A           Resilience Test Rebound Height         2 %         None           Self Ignition Flammability         417 °C         None           Specific Gravity         1372 g/cm 3         ASTM D2240	Chemical Resistance to Soap Solution	5 %	None
Compressive Stress @20%         0.45 kg/cm3         None           Dielectric Strength         241 v/mil         None           Dynamic Youngs Modulus @ 15 hertz         9.51 kg/cm2         None           Dynamic Youngs Modulus @ 30 hertz         13.1 kg/cm2         None           Dynamic Youngs Modulus @ 50 hertz         17.33 kg/cm2         None           Elongation at Break         8.82 %         ASTM D412           Flash Ignition Flammability         317 °C         None           Fungal Resistance         No Growth         None           Glass Transition         -38.7 °C         None           Heat Ageing         Stable         None           Highest Recommended Working Temperature         98 °C         None           Lowest Recommended Working Temperature         -15 °C         None           Voone Resistance         Special Compound Option         ASTM D1149 Type A           Resilience Test Rebound Height         2 %         None           Self Ignition Flammability         417 °C         None           Specific Gravity         1372 g/cm 3         ASTM D2240           Tan Delta @ 15 Hertz Excitation         0.38         None           Tan Delta @ 5 Hertz Excitation         0.3         None           Tan De	Colour	Black	None
Dielectric Strength         241 v/mil         None           Dynamic Youngs Modulus @ 15 hertz         9.51 kg/cm2         None           Dynamic Youngs Modulus @ 30 hertz         13.1 kg/cm2         None           Dynamic Youngs Modulus @ 5 hertz         6.34 kg/cm2         None           Dynamic Youngs Modulus @ 50 hertz         17.33 kg/cm2         None           Elongation at Break         8.82 %         ASTM D412           Flash Ignition Flammability         317 °C         None           Fungal Resistance         No Growth         None           Glass Transition         -38.7 °C         None           Heat Ageing         Stable         None           Highest Recommended Working Temperature         98 °C         None           Ozone Resistance         Special Compound Option         ASTM D1149 Type A           Resilience Test Rebound Height         2 %         None           Self Ignition Flammability         417 °C         None           Specific Gravity         1372 g/cm 3         ASTM D2240           Tan Delta @ 15 Hertz Excitation         0.38         None           Tan Delta @ 5 Hertz Excitation         0.35         None           Tan Delta @ 5 Hertz Excitation         0.35         None           Tear S	Compressive Stress @ 50%	6.07 kg/cm3	None
Dynamic Youngs Modulus @ 15 hertz         9.51 kg/cm2         None           Dynamic Youngs Modulus @ 30 hertz         13.1 kg/cm2         None           Dynamic Youngs Modulus @ 5 hertz         6.34 kg/cm2         None           Dynamic Youngs Modulus @ 50 hertz         17.33 kg/cm2         None           Elongation at Break         8.82 %         ASTM D412           Flash Ignition Flammability         317 °C         None           Fungal Resistance         No Growth         None           Glass Transition         -38.7 °C         None           Heat Ageing         Stable         None           Highest Recommended Working Temperature         98 °C         None           Lowest Recommended Working Temperature         -15 °C         None           Ozone Resistance         Special Compound Option         ASTM D1149 Type A           Resilience Test Rebound Height         2 %         None           Self Ignition Flammability         417 °C         None           Specific Gravity         1372 g/cm 3         ASTM D2240           Tan Delta @ 15 Hertz Excitation         0.38         None           Tan Delta @ 5 Hertz Excitation         0.35         None           Tan Delta @ 5 Hertz Excitation         0.35         None	Compressive Stress @20%	0.45 kg/cm3	None
Dynamic Youngs Modulus @ 30 hertz         13.1 kg/cm2         None           Dynamic Youngs Modulus @ 5 hertz         6.34 kg/cm2         None           Dynamic Youngs Modulus @ 50 hertz         17.33 kg/cm2         None           Elongation at Break         8.82 %         ASTM D412           Flash Ignition Flammability         317 °C         None           Fungal Resistance         No Growth         None           Glass Transition         -38.7 °C         None           Heat Ageing         Stable         None           Highest Recommended Working Temperature         98 °C         None           Ozone Resistance         Special Compound Option         ASTM D1149 Type A           Resilience Test Rebound Height         2 %         None           Self Ignition Flammability         417 °C         None           Specific Gravity         1372 g/cm 3         ASTM D2240           Tan Delta @ 15 Hertz Excitation         0.38         None           Tan Delta @ 30 Hertz Excitation         0.45         None           Tan Delta @ 5 Hertz Excitation         0.35         None           Tear Strength         7.81 kg/cm3         None           Tensile Elastic Stress @ 100% Strain         1.26 kg/cm3         None           Tensil	Dielectric Strength	241 v/mil	None
Dynamic Youngs Modulus @ 5 hertz         6.34 kg/cm2         None           Dynamic Youngs Modulus @ 50 hertz         17.33 kg/cm2         None           Elongation at Break         8.82 %         ASTM D412           Flash Ignition Flammability         317 °C         None           Fungal Resistance         No Growth         None           Glass Transition         -38.7 °C         None           Heat Ageing         Stable         None           Highest Recommended Working Temperature         98 °C         None           Lowest Recommended Working Temperature         -15 °C         None           Ozone Resistance         Special Compound Option         ASTM D1149 Type A           Resilience Test Rebound Height         2 %         None           Self Ignition Flammability         417 °C         None           Specific Gravity         1372 g/cm 3         ASTM D2240           Tan Delta @ 15 Hertz Excitation         0.38         None           Tan Delta @ 30 Hertz Excitation         0.45         None           Tan Delta @ 5 Hertz Excitation         0.35         None           Tear Strength         7.81 kg/cm3         None           Tensile Elastic Stress @ 100% Strain         1.26 kg/cm3         None           Tensil	Dynamic Youngs Modulus @ 15 hertz	9.51 kg/cm2	None
Dynamic Youngs Modulus @ 50 hertz         17.33 kg/cm2         None           Elongation at Break         8.82 %         ASTM D412           Flash Ignition Flammability         317 °C         None           Fungal Resistance         No Growth         None           Glass Transition         -38.7 °C         None           Heat Ageing         Stable         None           Highest Recommended Working Temperature         98 °C         None           Lowest Recommended Working Temperature         -15 °C         None           Ozone Resistance         Special Compound Option         ASTM D1149 Type A           Resilience Test Rebound Height         2 %         None           Specific Gravity         417 °C         None           Specific Gravity         1372 g/cm 3         ASTM D2240           Tan Delta @ 15 Hertz Excitation         0.38         None           Tan Delta @ 30 Hertz Excitation         0.45         None           Tan Delta @ 50 Hertz Excitation         0.35         None           Tear Strength         7.81 kg/cm3         None           Tensile Elastic Stress @ 100% Strain         1.26 kg/cm3         None           Tensile Elastic Stress @ 300% Strain         3.87 kg/cm3         None           Tensile Ela	Dynamic Youngs Modulus @ 30 hertz	13.1 kg/cm2	None
Elongation at Break8.82 %ASTM D412Flash Ignition Flammability317 °CNoneFungal ResistanceNo GrowthNoneGlass Transition-38.7 °CNoneHeat AgeingStableNoneHighest Recommended Working Temperature98 °CNoneLowest Recommended Working Temperature-15 °CNoneOzone ResistanceSpecial Compound OptionASTM D1149 Type AResilience Test Rebound Height2 %NoneSelf Ignition Flammability417 °CNoneSpecific Gravity1372 g/cm 3ASTM D2240Tan Delta @ 15 Hertz Excitation0.38NoneTan Delta @ 30 Hertz Excitation0.45NoneTan Delta @ 50 Hertz Excitation0.3NoneTan Delta @ 50 Hertz Excitation0.35NoneTear Strength7.81 kg/cm3NoneTensile Elastic Stress @ 100% Strain1.26 kg/cm3NoneTensile Elastic Stress @ 200% Strain2.56 kg/cm3NoneTensile Elastic Stress @ 300% Strain3.87 kg/cm3NoneTensile Elastic Stress @ 300% Strain3.87 kg/cm3None	Dynamic Youngs Modulus @ 5 hertz	6.34 kg/cm2	None
Flash Ignition Flammability Fungal Resistance No Growth None Glass Transition -38.7 °C None Heat Ageing Stable None Highest Recommended Working Temperature 98 °C None Lowest Recommended Working Temperature -15 °C None Ozone Resistance Special Compound Option Resilience Test Rebound Height 2 % None Self Ignition Flammability 1372 g/cm 3 ASTM D1149 Type A Resilience Gravity 1372 g/cm 3 ASTM D2240 Tan Delta @ 15 Hertz Excitation 0.38 None Tan Delta @ 30 Hertz Excitation 0.45 None Tan Delta @ 50 Hertz Excitation 0.35 None Tear Strength 7.81 kg/cm3 None Tensile Elastic Stress @ 200% Strain 1.26 kg/cm3 None Tensile Elastic Stress @ 300% Strain Tensile Elastic Stress @ 300% Strain Tensile Elastic Stress @ 300% Strain Tensile Elastic Strength @ Break None	Dynamic Youngs Modulus @ 50 hertz	17.33 kg/cm2	None
Fungal Resistance  Roas Transition  Glass Transition  Heat Ageing  Stable  None  Highest Recommended Working Temperature  Lowest Recommended Working Temperature  Lowest Recommended Working Temperature  Page of C  None  Czone Resistance  Special Compound Option  Self Ignition Flammability  At 7 °C  None  Specific Gravity  Tan Delta @ 15 Hertz Excitation  Tan Delta @ 30 Hertz Excitation  Tan Delta @ 5 Hertz Excitation  Tan Delta @ 50 Hertz Excitation  Tear Strength  Tear Strength  Tensile Elastic Stress @ 100% Strain  Tensile Elastic Stress @ 300% Strain  Tensile Elastic Stress @ 300% Strain  Tensile Strength @ Break  None	Elongation at Break	8.82 %	ASTM D412
Glass Transition -38.7 °C None Heat Ageing Stable None Highest Recommended Working Temperature 98 °C None Lowest Recommended Working Temperature -15 °C None Cozone Resistance Special Compound Option ASTM D1149 Type A Resilience Test Rebound Height 2 % None Self Ignition Flammability 417 °C None Specific Gravity 1372 g/cm 3 ASTM D2240 Tan Delta @ 15 Hertz Excitation 0.38 None Tan Delta @ 30 Hertz Excitation 0.45 None Tan Delta @ 50 Hertz Excitation 0.35 None Tear Strength 7.81 kg/cm3 None Tensile Elastic Stress @ 100% Strain 1.26 kg/cm3 None Tensile Elastic Stress @ 300% Strain 3.87 kg/cm3 None Tensile Strength Break 5.87 kg/cm3 None	Flash Ignition Flammability	317 °C	None
Heat Ageing Highest Recommended Working Temperature Lowest Recommended Working Temperature Lowest Recommended Working Temperature -15 °C None Ozone Resistance Special Compound Option Resilience Test Rebound Height 2 % None Self Ignition Flammability 417 °C None Specific Gravity 1372 g/cm 3 ASTM D2240 Tan Delta @ 15 Hertz Excitation 0.38 None Tan Delta @ 30 Hertz Excitation 0.45 None Tan Delta @ 50 Hertz Excitation 0.35 None Tear Strength 7.81 kg/cm3 None Tensile Elastic Stress @ 200% Strain 1.26 kg/cm3 None Tensile Elastic Stress @ 300% Strain 3.87 kg/cm3 None Tensile Strength @ Break None	Fungal Resistance	No Growth	None
Highest Recommended Working Temperature  Lowest Recommended Working Temperature  -15 °C  None  Ozone Resistance  Special Compound Option  Resilience Test Rebound Height  2 %  None  Self Ignition Flammability  417 °C  None  Specific Gravity  1372 g/cm 3  ASTM D2240  Tan Delta @ 15 Hertz Excitation  0.38  None  Tan Delta @ 30 Hertz Excitation  0.45  None  Tan Delta @ 5 Hertz Excitation  0.35  None  Tan Delta @ 50 Hertz Excitation  7.81 kg/cm3  None  Tear Strength  7.81 kg/cm3  None  Tensile Elastic Stress @ 200% Strain  1.26 kg/cm3  None  Tensile Elastic Stress @ 300% Strain  3.87 kg/cm3  None  Tensile Strength @ Break  None	Glass Transition	-38.7 °C	None
Lowest Recommended Working Temperature  7-15 °C  None  Resilence Test Rebound Height  2 %  None  Self Ignition Flammability  417 °C  None  Specific Gravity  1372 g/cm 3  ASTM D2240  Tan Delta @ 15 Hertz Excitation  0.38  None  Tan Delta @ 30 Hertz Excitation  10.45  None  Tan Delta @ 5 Hertz Excitation  10.35  None  Tan Delta @ 50 Hertz Excitation  7.81 kg/cm3  None  Tear Strength  Tensile Elastic Stress @ 100% Strain  Tensile Elastic Stress @ 300% Strain  Tensile Elastic Stress @ 300% Strain  Tensile Strength @ Break  None  1.26 kg/cm3  None	Heat Ageing	Stable	None
Ozone ResistanceSpecial Compound OptionASTM D1149 Type AResilience Test Rebound Height2 %NoneSelf Ignition Flammability417 °CNoneSpecific Gravity1372 g/cm 3ASTM D2240Tan Delta @ 15 Hertz Excitation0.38NoneTan Delta @ 30 Hertz Excitation0.45NoneTan Delta @ 5 Hertz Excitation0.3NoneTan Delta @ 50 Hertz Excitation035NoneTear Strength7.81 kg/cm3NoneTensile Elastic Stress @ 100% Strain1.26 kg/cm3NoneTensile Elastic Stress @ 200% Strain2.56 kg/cm3NoneTensile Elastic Stress @ 300% Strain3.87 kg/cm3NoneTensile Strength @ Break5.87 kg/cm3None	Highest Recommended Working Temperature	98 °C	None
Resilience Test Rebound Height2 %NoneSelf Ignition Flammability417 °CNoneSpecific Gravity1372 g/cm 3ASTM D2240Tan Delta @ 15 Hertz Excitation0.38NoneTan Delta @ 30 Hertz Excitation0.45NoneTan Delta @ 5 Hertz Excitation0.3NoneTan Delta @ 50 Hertz Excitation035NoneTear Strength7.81 kg/cm3NoneTensile Elastic Stress @ 100% Strain1.26 kg/cm3NoneTensile Elastic Stress @ 200% Strain2.56 kg/cm3NoneTensile Elastic Stress @ 300% Strain3.87 kg/cm3NoneTensile Strength @ Break5.87 kg/cm3None	Lowest Recommended Working Temperature	-15 °C	None
Self Ignition Flammability 417 °C None Specific Gravity 1372 g/cm 3 ASTM D2240 Tan Delta @ 15 Hertz Excitation 0.38 None Tan Delta @ 30 Hertz Excitation 0.45 None Tan Delta @ 5 Hertz Excitation 0.3 None Tan Delta @ 50 Hertz Excitation 035 None Tear Strength 7.81 kg/cm3 None Tensile Elastic Stress @ 100% Strain 1.26 kg/cm3 None Tensile Elastic Stress @ 300% Strain 2.56 kg/cm3 None Tensile Elastic Stress @ 300% Strain 3.87 kg/cm3 None Tensile Strength @ Break None	Ozone Resistance	Special Compound Option	ASTM D1149 Type A
Specific Gravity 1372 g/cm 3 ASTM D2240  Tan Delta @ 15 Hertz Excitation 0.38 None  Tan Delta @ 30 Hertz Excitation 0.45 None  Tan Delta @ 5 Hertz Excitation 0.3 None  Tan Delta @ 50 Hertz Excitation 0.35 None  Tear Strength 7.81 kg/cm3 None  Tensile Elastic Stress @ 100% Strain 1.26 kg/cm3 None  Tensile Elastic Stress @ 200% Strain 2.56 kg/cm3 None  Tensile Elastic Stress @ 300% Strain 3.87 kg/cm3 None  Tensile Strength @ Break 5.87 kg/cm3 None	Resilience Test Rebound Height	2 %	None
Tan Delta @ 15 Hertz Excitation 0.38 None  Tan Delta @ 30 Hertz Excitation 0.45 None  Tan Delta @ 5 Hertz Excitation 0.3 None  Tan Delta @ 50 Hertz Excitation 035 None  Tear Strength 7.81 kg/cm3 None  Tensile Elastic Stress @ 100% Strain 1.26 kg/cm3 None  Tensile Elastic Stress @ 200% Strain 2.56 kg/cm3 None  Tensile Elastic Stress @ 300% Strain 3.87 kg/cm3 None  Tensile Strength @ Break 5.87 kg/cm3 None	Self Ignition Flammability	417 °C	None
Tan Delta @ 30 Hertz Excitation0.45NoneTan Delta @ 5 Hertz Excitation0.3NoneTan Delta @ 50 Hertz Excitation035NoneTear Strength7.81 kg/cm3NoneTensile Elastic Stress @ 100% Strain1.26 kg/cm3NoneTensile Elastic Stress @ 200% Strain2.56 kg/cm3NoneTensile Elastic Stress @ 300% Strain3.87 kg/cm3NoneTensile Strength @ Break5.87 kg/cm3None	Specific Gravity	1372 g/cm 3	ASTM D2240
Tan Delta @ 5 Hertz Excitation0.3NoneTan Delta @ 50 Hertz Excitation035NoneTear Strength7.81 kg/cm3NoneTensile Elastic Stress @ 100% Strain1.26 kg/cm3NoneTensile Elastic Stress @ 200% Strain2.56 kg/cm3NoneTensile Elastic Stress @ 300% Strain3.87 kg/cm3NoneTensile Strength @ Break5.87 kg/cm3None	Tan Delta @ 15 Hertz Excitation	0.38	None
Tan Delta @ 50 Hertz Excitation035NoneTear Strength7.81 kg/cm3NoneTensile Elastic Stress @ 100% Strain1.26 kg/cm3NoneTensile Elastic Stress @ 200% Strain2.56 kg/cm3NoneTensile Elastic Stress @ 300% Strain3.87 kg/cm3NoneTensile Strength @ Break5.87 kg/cm3None	Tan Delta @ 30 Hertz Excitation	0.45	None
Tear Strength7.81 kg/cm3NoneTensile Elastic Stress @ 100% Strain1.26 kg/cm3NoneTensile Elastic Stress @ 200% Strain2.56 kg/cm3NoneTensile Elastic Stress @ 300% Strain3.87 kg/cm3NoneTensile Strength @ Break5.87 kg/cm3None	Tan Delta @ 5 Hertz Excitation	0.3	None
Tensile Elastic Stress @ 100% Strain 1.26 kg/cm3 None  Tensile Elastic Stress @ 200% Strain 2.56 kg/cm3 None  Tensile Elastic Stress @ 300% Strain 3.87 kg/cm3 None  Tensile Strength @ Break 5.87 kg/cm3 None	Tan Delta @ 50 Hertz Excitation	035	None
Tensile Elastic Stress @ 200% Strain2.56 kg/cm3NoneTensile Elastic Stress @ 300% Strain3.87 kg/cm3NoneTensile Strength @ Break5.87 kg/cm3None	Tear Strength	7.81 kg/cm3	None
Tensile Elastic Stress @ 300% Strain  3.87 kg/cm3  None  Tensile Strength @ Break  5.87 kg/cm3  None	Tensile Elastic Stress @ 100% Strain	1.26 kg/cm3	None
Tensile Strength @ Break 5.87 kg/cm3 None	Tensile Elastic Stress @ 200% Strain	2.56 kg/cm3	None
	Tensile Elastic Stress @ 300% Strain	3.87 kg/cm3	None
UV Resistance Good None	Tensile Strength @ Break	5.87 kg/cm3	None
	UV Resistance	Good	None



## **Purposes**







Anti-Vibration

Chemical Resistant

Wear Resistant

## **Important Notes about this Material Data Sheet**

This datasheet has been carefully compiled to advise you, our customer, in the best possible way. The information, figures, test values, and data correspond to actual engineering standards and are the result of many years of tests and trials. As individual operating conditions influence the application of each product, the information supplied in this datasheet can only be seen as a rough guideline. In every case it is the sole responsibility of the customer to evaluate his individual requirements, in particular whether the specified properties of our products are sufficient for the intended use. This datasheet is subject to alteration without prior notice. All mentioned values contained herein are guiding values representing long-term experience averages. Please be aware that Test Results for individual Material Batches will only be provided if requested at the time of order and may be subject to additional charges and/or lead times. This Data Sheet supersedes all previous data sheets and any other data previously provided either Verbally, Electronic or Written, with reference to the above Material Grade.