

Data Sheet		SO70 70 Shore OO Sorbothane® Polyurethane Sheet & Moulded Components	
Data Sheet Type	Final		
Material Reference	SO70	APOE IN THE	REACH
Polymer	Polyurethane		
Date Issued	30/10/25		

Description

SO70 70° 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 Kerosene 4.3 % None Chemical Resistance to Soap Solution 5 % None Colour Black None Compressive Stress © 50% 16.34 kg/cm3 None Compressive Stress © 20% 2.11 kg/cm3 None Dielectric Strength 281 v/mil None Dynamic Youngs Modulus © 15 hertz 11.41 kg/cm2 None Dynamic Youngs Modulus © 30 hertz 8.45 kg/cm2 None Dynamic Youngs Modulus © 50 hertz 8.45 kg/cm2 None Dynamic Youngs Modulus © 50 hertz 11.41 kg/cm2 None Elongation at Break 399 % ASTM D412 Flash Ignition Flarmability 317 °C None Flash Ignition Flarmability 317 °C None	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% 16.34 kg/cm3 None Compressive Stress @ 20% 2.11 kg/cm3 None Dielectric Strength 261 v/mil None Dynamic Youngs Modulus @ 15 hertz 11.41 kg/cm2 None Dynamic Youngs Modulus @ 30 hertz 8.45 kg/cm2 None Dynamic Youngs Modulus @ 5 hertz 8.45 kg/cm2 None Dynamic Youngs Modulus @ 50 hertz 8.45 kg/cm2 None Elongation at Break 399 % ASTM D412 Flash Ignition Flammability 317 °C None Flash Ignition Flammability 317 °C None Heat Ageing Stable None Highest Recommended Working Temperature 96 °C None Lowest Recommended	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% 2.11 kg/cm3 None Compressive Stress © 20% 2.11 kg/cm3 None Dielectric Strength 261 v/mil None Dynamic Youngs Modulus © 15 hertz 11.41 kg/cm2 None Dynamic Youngs Modulus © 30 hertz 16.7 kg/cm2 None Dynamic Youngs Modulus © 5 hertz 8.45 kg/cm2 None Dynamic Youngs Modulus © 50 hertz 11.41 kg/cm2 None Dynamic Youngs Modulus © 50 hertz 8.45 kg/cm2 None Dynamic Youngs Modulus © 50 hertz 8.45 kg/cm2 None Dynamic Youngs Modulus © 50 hertz 8.45 kg/cm2 None Longation at Break 399 % ASTM D412 Flash Ignition Flammability 317 °C None Flash Ignition Flammability 80 Growth 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% 15.34 kg/cm3 None Compressive Stress © 20% 2.11 kg/cm3 None Dielectric Strength 261 v/mil None Dynamic Youngs Modulus © 15 hertz 11.41 kg/cm2 None Dynamic Youngs Modulus © 30 hertz 16.7 kg/cm2 None Dynamic Youngs Modulus © 50 hertz 8.45 kg/cm2 None Dynamic Youngs Modulus © 50 hertz 11.41 kg/cm2 None Dynamic Youngs Modulus © 50 hertz 8.45 kg/cm2 None Dynamic Youngs Modulus © 50 hertz 8.45 kg/cm2 None Dynamic Youngs Modulus © 50 hertz 8.45 kg/cm2 None Plagation at Break 399 % ASTM D412 Flash Ignition Flammability 317 °C None Flash Ignition Flammability Stable None Highest Recommended Working Temperature -15 °C	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% 16.34 kg/cm3 None Compressive Stress @ 20% 2.11 kg/cm3 None Dielectric Strength 261 v/mil None Dynamic Youngs Modulus @ 15 hertz 11.41 kg/cm2 None Dynamic Youngs Modulus @ 30 hertz 8.45 kg/cm2 None Dynamic Youngs Modulus @ 5 hertz 8.45 kg/cm2 None Dynamic Youngs Modulus @ 50 hertz 21.14 kg/cm2 None Dynamic Youngs Modulus @ 5 hertz 8.45 kg/cm2 None Dynamic Youngs Modulus @ 5 hertz 8.45 kg/cm2 None Dynamic Youngs Modulus @ 5 hertz 8.45 kg/cm2 None Dynamic Youngs Modulus @ 5 hertz 8.45 kg/cm2 None Dynamic Youngs Modulus @ 5 hertz 8.45 kg/cm2 None Dynamic Youngs Modulus @ 5 hertz 8.45 kg/cm2 None Dynamic Youngs Modulus @ 5 hertz 8.5 kg/cm3 None Lought Manage Manage Manage Manage Manage Manage Man	Chemical Resistance to Diesel	6.4 %	None
Chemical Resistance to Soap Solution 5 % None Colour Black None Compressive Stress @ 50% 16.34 kg/cm3 None Compressive Stress @ 20% 2.11 kg/cm3 None Dielectric Strength 261 v/mil None Dynamic Youngs Modulus @ 15 hertz 11.41 kg/cm2 None Dynamic Youngs Modulus @ 30 hertz 16.7 kg/cm2 None Dynamic Youngs Modulus @ 5 hertz 8.45 kg/cm2 None Dynamic Youngs Modulus @ 50 hertz 21.14 kg/cm2 None Dynamic Youngs Modulus @ 50 hertz 399 % ASTM D412 Elongation at Break 399 % ASTM D412 Flash Ignition Flammability 317 °C None Flugal Resistance No Growth None Glass Transition -34.7 °C None Heat Ageing Stable None Highest Recommended Working Temperature 98 °C None Lowest Recommended Working Temperature 15 °C None Resilience Test Rebound Height 22 % None Specific Gravity </td <td>Chemical Resistance to Hydraulic Fluid</td> <td>-1.4 %</td> <td>None</td>	Chemical Resistance to Hydraulic Fluid	-1.4 %	None
Colour Black None Compressive Stress @ 50% 16.34 kg/cm3 None Compressive Stress @ 20% 2.11 kg/cm3 None Dielectric Strength 261 v/mil None Dynamic Youngs Modulus @ 15 hertz 11.41 kg/cm2 None Dynamic Youngs Modulus @ 30 hertz 8.45 kg/cm2 None Dynamic Youngs Modulus @ 50 hertz 21.14 kg/cm2 None Elongation at Break 399 % ASTM D412 Flash Ignition Flammability 317 °C None Fungal Resistance No Growth None Glass Transition -34.7 °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 22 % None Self Ignition Flammability 417 °C None Self Ignition Flammability 1,363 g/cm3 ASTM D2240 Tan Delta @ 15	Chemical Resistance to Kerosene	4.3 %	None
Compressive Stress @ 50% 16.34 kg/cm3 None Compressive Stress @ 20% 2.11 kg/cm3 None Dielectric Strength 261 v/mil None Dynamic Youngs Modulus @ 15 hertz 11.41 kg/cm2 None Dynamic Youngs Modulus @ 30 hertz 16.7 kg/cm2 None Dynamic Youngs Modulus @ 5 hertz 8.45 kg/cm2 None Dynamic Youngs Modulus @ 50 hertz 21.14 kg/cm2 None Elongation at Break 399 % ASTM D412 Flash Ignition Flammability 317 °C None Fungal Resistance No Growth None Glass Transition -34.7 °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 22 % None Self Ignition Flammability 417 °C None Specific Gravity 1,363 g/cm 3 ASTM D2240	Chemical Resistance to Soap Solution	5 %	None
Compressive Stress @20% 2.11 kg/cm3 None Dielectric Strength 261 v/mil None Dynamic Youngs Modulus @ 15 hertz 11.41 kg/cm2 None Dynamic Youngs Modulus @ 30 hertz 16.7 kg/cm2 None Dynamic Youngs Modulus @ 50 hertz 8.45 kg/cm2 None Dynamic Youngs Modulus @ 50 hertz 21.14 kg/cm2 None Elongation at Break 399 % ASTM D412 Flash Ignition Flammability 317 °C None Fungal Resistance No Growth None Glass Transition -34.7 °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 22 % None Self Ignition Flammability 417 °C None Specific Gravity 1,363 g/cm 3 ASTM D2240 Tan Delta @ 5 Hertz Excitation 0.56 None	Colour	Black	None
Dielectric Strength 261 v/mil None Dynamic Youngs Modulus @ 15 hertz 11.41 kg/cm2 None Dynamic Youngs Modulus @ 30 hertz 16.7 kg/cm2 None Dynamic Youngs Modulus @ 5 hertz 8.45 kg/cm2 None Dynamic Youngs Modulus @ 50 hertz 21.14 kg/cm2 None Elongation at Break 399 % ASTM D412 Flash Ignition Flammability 317 °C None Fungal Resistance No Growth None Glass Transition -34.7 °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 22 % None Self Ignition Flammability 417 °C None Specific Gravity 1,363 g/cm 3 ASTM D2240 Tan Delta @ 15 Hertz Excitation 0.6 None Tan Delta @ 5 Hertz Excitation 0.56 None	Compressive Stress @ 50%	16.34 kg/cm3	None
Dynamic Youngs Modulus @ 15 hertz 11.41 kg/cm2 None Dynamic Youngs Modulus @ 30 hertz 16.7 kg/cm2 None Dynamic Youngs Modulus @ 5 hertz 8.45 kg/cm2 None Dynamic Youngs Modulus @ 50 hertz 21.14 kg/cm2 None Elongation at Break 399 % ASTM D412 Flash Ignition Flammability 317 °C None Fungal Resistance No Growth None Glass Transition -34.7 °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 22 % None Self Ignition Flammability 417 °C None Specific Gravity 1.363 g/cm 3 ASTM D2240 Tan Delta @ 15 Hertz Excitation 0.6 None Tan Delta @ 5 Hertz Excitation 0.59 None Tan Delta @ 5 Hertz Excitation 0.55 None	Compressive Stress @20%	2.11 kg/cm3	None
Dynamic Youngs Modulus @ 30 hertz 16.7 kg/cm2 None Dynamic Youngs Modulus @ 5 hertz 8.45 kg/cm2 None Dynamic Youngs Modulus @ 50 hertz 21.14 kg/cm2 None Elongation at Break 399 % ASTM D412 Flash Ignition Flammability 317 °C None Fungal Resistance No Growth None Glass Transition -34.7 °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 22 % None Self Ignition Flammability 417 °C None Specific Gravity 1.363 g/cm 3 ASTM D2240 Tan Delta @ 15 Hertz Excitation 0.6 None Tan Delta @ 5 Hertz Excitation 0.59 None Tan Delta @ 5 Hertz Excitation 0.55 None Tensile Elastic Stress @ 100% Strain 4.66 kg/cm3 None	Dielectric Strength	261 v/mil	None
Dynamic Youngs Modulus @ 50 hertz 8.45 kg/cm2 None Dynamic Youngs Modulus @ 50 hertz 21.14 kg/cm2 None Elongation at Break 399 % ASTM D412 Flash Ignition Flammability 317 °C None Fungal Resistance No Growth None Glass Transition -34.7 °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 22 % None Self Ignition Flammability 417 °C None Specific Gravity 1.363 g/cm 3 ASTM D2240 Tan Delta @ 15 Hertz Excitation 0.6 None Tan Delta @ 5 Hertz Excitation 0.59 None Tan Delta @ 5 Hertz Excitation 0.56 None Tear Strength 11.69 kg/cm3 None Tensile Elastic Stress @ 100% Strain 4.66 kg/cm3 None Tensi	Dynamic Youngs Modulus @ 15 hertz	11.41 kg/cm2	None
Dynamic Youngs Modulus @ 50 hertz 21.14 kg/cm2 None Elongation at Break 399 % ASTM D412 Flash Ignition Flammability 317 °C None Fungal Resistance No Growth None Glass Transition -34.7 °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 22 % None Specific Gravity 1.363 g/cm 3 ASTM D2240 Tan Delta @ 15 Hertz Excitation 0.6 None Tan Delta @ 30 Hertz Excitation 0.59 None Tan Delta @ 50 Hertz Excitation 0.56 None Tear Strength 11.69 kg/cm3 None Tensile Elastic Stress @ 100% Strain 4.66 kg/cm3 None Tensile Elastic Stress @ 300% Strain 11.69 kg/cm3 None Tensile Elastic Stress @ 300% Strain 11.69 kg/cm3 None <td>Dynamic Youngs Modulus @ 30 hertz</td> <td>16.7 kg/cm2</td> <td>None</td>	Dynamic Youngs Modulus @ 30 hertz	16.7 kg/cm2	None
Elongation at Break399 %ASTM D412Flash Ignition Flammability317 °CNoneFungal ResistanceNo GrowthNoneGlass Transition-34.7 °CNoneHeat AgeingStableNoneHighest Recommended Working Temperature98 °CNoneLowest Recommended Working Temperature-15 °CNoneOzone ResistanceSpecial Compound OptionASTM D1149 Type AResilience Test Rebound Height22 %NoneSelf Ignition Flammability417 °CNoneSpecific Gravity1.363 g/cm 3ASTM D2240Tan Delta @ 15 Hertz Excitation0.6NoneTan Delta @ 30 Hertz Excitation0.59NoneTan Delta @ 50 Hertz Excitation0.56NoneTear Strength11.69 kg/cm3NoneTensile Elastic Stress @ 100% Strain4.66 kg/cm3NoneTensile Elastic Stress @ 200% Strain11.69 kg/cm3NoneTensile Elastic Stress @ 300% Strain11.69 kg/cm3NoneTensile Elastic Stress @ 300% Strain11.69 kg/cm3None	Dynamic Youngs Modulus @ 5 hertz	8.45 kg/cm2	None
Flash Ignition Flammability Fungal Resistance No Growth None Glass Transition -34.7 °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 22 % None Self Ignition Flammability 417 °C None Specific Gravity 1.363 g/cm 3 ASTM D1240 Tan Delta @ 15 Hertz Excitation 0.6 None Tan Delta @ 30 Hertz Excitation 0.59 None Tan Delta @ 50 Hertz Excitation 0.56 None Tear Strength 1.69 kg/cm3 None Tensile Elastic Stress @ 200% Strain Tensile Elastic Stress @ 300% Strain 1.69 kg/cm3 None Tensile Elastic Stress @ 300% Strain 1.69 kg/cm3 None Tensile Elastic Stress @ 300% Strain 1.69 kg/cm3 None	Dynamic Youngs Modulus @ 50 hertz	21.14 kg/cm2	None
Fungal Resistance Glass Transition -34.7 °C None Heat Ageing Stable None Highest Recommended Working Temperature Pozone Resistance Special Compound Option Resilience Test Rebound Height Self Ignition Flammability At 1.363 g/cm 3 ASTM D1149 Type A Self Ignition Flammability At 2.6 As 30 Hertz Excitation As 30 Hertz Excitation An Delta @ 30 Hertz Excitation An Delta @ 50	Elongation at Break	399 %	ASTM D412
Glass Transition -34.7 °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 22 % None Self Ignition Flammability 417 °C None Specific Gravity 1.363 g/cm 3 ASTM D2240 Tan Delta @ 15 Hertz Excitation 0.6 None Tan Delta @ 30 Hertz Excitation 0.59 None Tan Delta @ 50 Hertz Excitation 0.56 None Tan Delta @ 50 Hertz Excitation 1.69 kg/cm3 None Tensile Elastic Stress @ 200% Strain 4.66 kg/cm3 None Tensile Elastic Stress @ 300% Strain 11.69 kg/cm3 None Tensile Strength Break 14.52 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 22 % None Self Ignition Flammability A17 °C None Specific Gravity 1.363 g/cm 3 ASTM D2240 Tan Delta @ 15 Hertz Excitation 0.6 None Tan Delta @ 30 Hertz Excitation 0.59 None Tan Delta @ 5 Hertz Excitation 0.56 None Tan Delta @ 50 Hertz Excitation 1.69 kg/cm3 None Tensile Elastic Stress @ 200% Strain 1.69 kg/cm3 None Tensile Elastic Stress @ 300% Strain 11.69 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 ASTM D1149 Type A Resilience Test Rebound Height 22 % None Self Ignition Flammability 417 °C None Specific Gravity 1.363 g/cm 3 ASTM D2240 Tan Delta @ 15 Hertz Excitation 0.6 None Tan Delta @ 30 Hertz Excitation 0.59 None Tan Delta @ 5 Hertz Excitation 0.56 None Tan Delta @ 50 Hertz Excitation 11.69 kg/cm3 None Tensile Elastic Stress @ 200% Strain Tensile Elastic Stress @ 300% Strain Tensile Strength @ Break 11.69 kg/cm3 None None None None None 11.69 kg/cm3 None	Glass Transition	-34.7 °C	None
Lowest Recommended Working Temperature 7-15 °C None ASTM D1149 Type A Resilience Test Rebound Height 22 % None Self Ignition Flammability 417 °C None Specific Gravity 1.363 g/cm 3 ASTM D2240 Tan Delta @ 15 Hertz Excitation 0.6 None Tan Delta @ 30 Hertz Excitation 0.59 None Tan Delta @ 5 Hertz Excitation 0.56 None Tan Delta @ 50 Hertz Excitation 1.69 kg/cm3 None Tear Strength Tensile Elastic Stress @ 100% Strain Tensile Elastic Stress @ 300% Strain Tensile Elastic Stress @ 300% Strain Tensile Strength @ Break 14.52 kg/cm3 None	Heat Ageing	Stable	None
Ozone ResistanceSpecial Compound OptionASTM D1149 Type AResilience Test Rebound Height22 %NoneSelf Ignition Flammability417 °CNoneSpecific Gravity1.363 g/cm 3ASTM D2240Tan Delta @ 15 Hertz Excitation0.6NoneTan Delta @ 30 Hertz Excitation0.59NoneTan Delta @ 5 Hertz Excitation0.56NoneTan Delta @ 50 Hertz Excitation0.55NoneTear Strength11.69 kg/cm3NoneTensile Elastic Stress @ 100% Strain4.66 kg/cm3NoneTensile Elastic Stress @ 200% Strain8.95 kg/cm3NoneTensile Elastic Stress @ 300% Strain11.69 kg/cm3NoneTensile Elastic Stress @ 300% Strain11.69 kg/cm3None	Highest Recommended Working Temperature	98 °C	None
Resilience Test Rebound Height 22 % None Self Ignition Flammability 417 °C None Specific Gravity 1.363 g/cm 3 ASTM D2240 Tan Delta @ 15 Hertz Excitation 0.6 None Tan Delta @ 30 Hertz Excitation 0.59 None Tan Delta @ 5 Hertz Excitation 0.56 None Tan Delta @ 50 Hertz Excitation 0.55 None Tear Strength 11.69 kg/cm3 None Tensile Elastic Stress @ 100% Strain 4.66 kg/cm3 None Tensile Elastic Stress @ 300% Strain 11.69 kg/cm3 None Tensile Elastic Stress @ 300% Strain 11.69 kg/cm3 None Tensile Strength @ Break None	Lowest Recommended Working Temperature	-15 °C	None
Self Ignition Flammability 417 °C None Specific Gravity 1.363 g/cm 3 ASTM D2240 Tan Delta @ 15 Hertz Excitation 0.6 None Tan Delta @ 30 Hertz Excitation 0.59 None Tan Delta @ 5 Hertz Excitation 0.56 None Tan Delta @ 50 Hertz Excitation 0.55 None Tear Strength 11.69 kg/cm3 None Tensile Elastic Stress @ 100% Strain 4.66 kg/cm3 None Tensile Elastic Stress @ 300% Strain 11.69 kg/cm3 None Tensile Elastic Stress @ 300% Strain 11.69 kg/cm3 None Tensile Elastic Stress @ 300% Strain 11.69 kg/cm3 None Tensile Elastic Stress @ 300% Strain 11.69 kg/cm3 None	Ozone Resistance	Special Compound Option	ASTM D1149 Type A
Specific Gravity 1.363 g/cm 3 ASTM D2240 Tan Delta @ 15 Hertz Excitation 0.6 None Tan Delta @ 30 Hertz Excitation 0.59 None Tan Delta @ 5 Hertz Excitation 0.56 None Tan Delta @ 50 Hertz Excitation 0.55 None Tear Strength 11.69 kg/cm3 None Tensile Elastic Stress @ 100% Strain 4.66 kg/cm3 None Tensile Elastic Stress @ 300% Strain 11.69 kg/cm3 None Tensile Elastic Stress @ 300% Strain 11.69 kg/cm3 None Tensile Elastic Stress @ 300% Strain 11.69 kg/cm3 None Tensile Strength @ Break None	Resilience Test Rebound Height	22 %	None
Tan Delta @ 15 Hertz Excitation 0.6 None Tan Delta @ 30 Hertz Excitation 0.59 None Tan Delta @ 5 Hertz Excitation 0.56 None Tan Delta @ 50 Hertz Excitation 0.55 None Tear Strength 11.69 kg/cm3 None Tensile Elastic Stress @ 100% Strain 4.66 kg/cm3 None Tensile Elastic Stress @ 200% Strain 8.95 kg/cm3 None Tensile Elastic Stress @ 300% Strain 11.69 kg/cm3 None Tensile Elastic Stress @ 300% Strain 11.69 kg/cm3 None Tensile Strength @ Break 14.52 kg/cm3 None	Self Ignition Flammability	417 °C	None
Tan Delta @ 30 Hertz Excitation0.59NoneTan Delta @ 5 Hertz Excitation0.56NoneTan Delta @ 50 Hertz Excitation0.55NoneTear Strength11.69 kg/cm3NoneTensile Elastic Stress @ 100% Strain4.66 kg/cm3NoneTensile Elastic Stress @ 200% Strain8.95 kg/cm3NoneTensile Elastic Stress @ 300% Strain11.69 kg/cm3NoneTensile Strength @ Break14.52 kg/cm3None	Specific Gravity	1.363 g/cm 3	ASTM D2240
Tan Delta @ 5 Hertz Excitation0.56NoneTan Delta @ 50 Hertz Excitation0.55NoneTear Strength11.69 kg/cm3NoneTensile Elastic Stress @ 100% Strain4.66 kg/cm3NoneTensile Elastic Stress @ 200% Strain8.95 kg/cm3NoneTensile Elastic Stress @ 300% Strain11.69 kg/cm3NoneTensile Strength @ Break14.52 kg/cm3None	Tan Delta @ 15 Hertz Excitation	0.6	None
Tan Delta @ 50 Hertz Excitation0.55NoneTear Strength11.69 kg/cm3NoneTensile Elastic Stress @ 100% Strain4.66 kg/cm3NoneTensile Elastic Stress @ 200% Strain8.95 kg/cm3NoneTensile Elastic Stress @ 300% Strain11.69 kg/cm3NoneTensile Strength @ Break14.52 kg/cm3None	Tan Delta @ 30 Hertz Excitation	0.59	None
Tear Strength11.69 kg/cm3NoneTensile Elastic Stress @ 100% Strain4.66 kg/cm3NoneTensile Elastic Stress @ 200% Strain8.95 kg/cm3NoneTensile Elastic Stress @ 300% Strain11.69 kg/cm3NoneTensile Strength @ Break14.52 kg/cm3None	Tan Delta @ 5 Hertz Excitation	0.56	None
Tensile Elastic Stress @ 100% Strain 4.66 kg/cm3 None Tensile Elastic Stress @ 200% Strain 8.95 kg/cm3 None Tensile Elastic Stress @ 300% Strain 11.69 kg/cm3 None Tensile Strength @ Break 14.52 kg/cm3 None	Tan Delta @ 50 Hertz Excitation	0.55	None
Tensile Elastic Stress @ 200% Strain 8.95 kg/cm3 None Tensile Elastic Stress @ 300% Strain 11.69 kg/cm3 None Tensile Strength @ Break 14.52 kg/cm3 None	Tear Strength	11.69 kg/cm3	None
Tensile Elastic Stress @ 300% Strain 11.69 kg/cm3 None Tensile Strength @ Break 14.52 kg/cm3 None	Tensile Elastic Stress @ 100% Strain	4.66 kg/cm3	None
Tensile Strength @ Break 14.52 kg/cm3 None	Tensile Elastic Stress @ 200% Strain	8.95 kg/cm3	None
	Tensile Elastic Stress @ 300% Strain	11.69 kg/cm3	None
UV Resistance Good None	Tensile Strength @ Break	14.52 kg/cm3	None
	UV Resistance	Good	None



Purposes









Acid Resistance

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.