MacLellan
Polymers to Industry

Data Sheet	0360 450v Black Ribbed Electrical Insulation/Switchboard Matting

Data Sheet Type	Final
Material Reference	0360
Polymer	SBR/NR BLEND
Date Issued	13/11/26

Description

An old favourite for Live Working Electrical Engineers, this 6mm Thick Material is often seen as a alternative to BS921. The material is tested to 11KV but recommended for use up to 450 KV only.

Specifications	Values	Test Methods
Compression Set(22 Hours @ 70°C)	15 % Maximum	ASTM D395 Method B
Elongation at Break	230 % Minimum	ASTM D412
Highest Recommended Working Temperature	70 °C Maximum	None
Intermittent Working Temperature	90 °C Short Bursts Only	None
Lowest Recommended Working Temperature	-20 °C Minimum	None
Recommended Maximum Use	450 Volts AC Maximum	None
Shore Hardness (Shore A)	65 ° Shore	ASTM D2240
Specific Gravity	1.58 g/cm 3 +/-0.05	ASTM D2240
Tensile Strength	3 MPA Minimum	ASTM D412

Purposes



Electrical Insulation

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.