MacLellan
Polymers to Industry

Data Sheet	C465 EPDM Rubber Sheet with EP80 Insertion

Data Sheet Type	Final
Material Reference	C465
Polymer	EPDM
Date Issued	30/10/26

Description

An EPDM Rubber Sheet with EP80 Insertion which gives the rubber an excellent tear strength. Originally designed for the fabrication of high speed crash barriers in Motor Sports but has multiple uses outside of this original design scope.

Specifications	Values	Test Methods
Compression Set	30 %	ASTM D395 Method B
Elongation at Break	300 %	ASTM D412
Highest Recommended Working Temperature	70 °C	None
Lowest Recommended Working Temperature	-20 °C	None
Shore Hardness (Shore A)	65 ° Shore	ASTM D2240
Specific Gravity	1.48 g/cm 3	ASTM D2240
Tear Resistance	> 110 Warp > 45 Weft N/mm	ASTM D624 Die C
Tensile Strength	> 5 MPA	ASTM D412

Purposes

Ozone Resitance

Tear Resistant

Weather Resistance

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.