MacLellan
Polymers to Industry

Data Sheet	5196 UK Manufactured Acid Resistant EPDM to ICI-M228 Specification

Data Sheet Type	Final
Material Reference	5196
Polymer	EPDM
Date Issued	14/11/26

Description

A European Manufactured Premium Grade EPDM designed to ICI M228 Specification and used when Acid Resistance is specifically required. The material demonstrates an exceptional performance in weathering & ozone resistance and has excellent Flame Retardant properties.

Specifications	Values	Test Methods
Compression Set(22 Hours @ 70°C)	35 % Maximum	ASTM D395 Method B
Elongation at Break	250 % Minimum	ASTM D412
Highest Recommended Working Temperature	110 °C Maximum	None
Intermittent Working Temperature	120 °C Short Bursts Only	None
Lowest Recommended Working Temperature	-15 °C Minimum	None
Shore Hardness (Shore A)	80 ° Shore +/-5°	ASTM D2240
Specific Gravity	1.38 g/cm 3 +/-0.05	ASTM D2240
Tensile Strength	7 MPA Minimum	ASTM D412

Purposes

Acid Resistance

Chemical Resistant

Ozone Resitance

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.