MacLellan
Polymers to Industry

Data Sheet	EXA56 Open Cell Natural Sponge

Data Sheet Type	Final
Material Reference	EXA56
Polymer	NR
Date Issued	13/11/26

Description

A medium grade Natural Rubber Open cell Sponge manufactured from isoprene and has and open cell structure that gives it excellent recovery properties, or compression set resistance. The material has a skinned, fabric surface finish providing good non slip properties and is free from soluble impurities such as Chlorine and Sulphate. The material meet the general physical requirements of ASTM D1056-85 and ASTM D1056R012 1A2 (Non Oil Resistant).

Specifications	Values	Test Methods
Colour	Black	None
Compression Set 50% Compression (22 Hours @ 23°C) 24 Hour Recovery	15 %	ASTM D3574
Density	380 Kpa	ASTM D1056
Flame Resistance	N/A	None
Highest Recommended Working Temperature	80 °C	None
Lowest Recommended Working Temperature	-40 °C	None
Tensile Elongation	280 Kpa	ISO 1798

Purposes



Tear 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.