

Data Sheet EXA56 Open Cell Natural Sponge

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| Data Sheet Type | Final |
| Material Reference | EXA56 |
| Polymer | NR |
| Date Issued | 01/06/26 |



Description

A medium grade Natural Rubber Open cell Sponge manufactured from isoprene and has an 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 meets 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.