Data Sheet	Silicone Sponge 350
Data Sheet Type	Final
Material Reference	Silicone Sponge 350
Polymer	Silicone
Date Issued	14/11/26

Description

A general purpose closed cell, medium density, silicone sponge for use in extreme temperature applications where environmental resistance is needed.

Accreditations include UL94HB, FMVSS 302, FAR 25 (Horizontal) and WRAS.

The material meets the technical requirements of ASTM D1056 2A2, AMS3195, ASTM 6576 Grades A, B and C (Soft-medium).

Specifications	Values	Test Methods
Brittle Point	-80 °C	ASTM F36
Compression Deflection	105 Kpa	ISO 3386
Compression Set(22 Hours @ 70°C)	2 %	ISO 1856
Density	300 Kg/m3	ISO 845
Elongation at Break	120 %	ASTM D412
Highest Recommended Working Temperature	230 °C	None
Limiting Oxygen Index (LOI)	24 %	BS2782
Lowest Recommended Working Temperature	-60 °C	None
Shore Hardness (Shore OO)	50 ° Shore	ASTM D2240
Tensile Strength	108 PSI	ASTM D412
Water Absorption	5 %	ASTM D1056

Purposes

Flame Retardent

High Working Temperature

Low Working Temperature

Potable Water Suitability

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.