

Data Sheet

Fluorosilicone Sponge Rubber in Blue to ASTM D6576 Type 2 Grade A,B,C

Data Sheet Type	Final
Material Reference	OP19312
Polymer	Silicone
Date Issued	29/03/20



Description

This Fluorosilicone Closed Cell Sponge Rubber is flexible and compressible and designed for use in applications that have extreme Operating Temperature Ranges. This material has excellent weathering characteristics, compression set resistance, electrical strength and non-stick properties. It is often the choice for applications containing oils and fluids that would degrade normal elastomers. As well as the specification ASTM D6576 Type 2 Grade A,B & C this sponge rubber complies to MIL-R-6130 Type II Grade A and AMS 3323

Specifications	Values	Test Methods
Compression Deflection	15 PSI	ASTM D1056
Compression Set	25 %	ASTM D1056
Density	3.57 g/cc	None
Elongation at Break	125 %	ASTM D412
Highest Recommended Working Temperature	204 °C Maximum	None
Lowest Recommended Working Temperature	-62 °C Minimum	None
Tensile Strength	1.24 MPA	ASTM D412
Water Absorption	Less Than 5 %	ASTM D1056

Purposes



Chemical Resistant



High Working Temperature



Low Working Temperature



Oil 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

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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.