

PRODUCT DATA SHEET

Grade: EPDM Sponge

EPDM Closed Cell Foam

PHYSICAL PROPERTIES

Closed cell EPDM foam, airtight and waterproof. Excellent resistance to ageing, oil, solvent and many chemicals. Excellent durability and UV resistance. Highly consistent cell structure and thickness with no voids. Ideally suited to stringent automotive tolerances.		
Hardness	(°) Shore C	15°20
	Shore 00	40-55
Elongation Ration (%)		200
Tensile Strength (kPa)		400 kPa
Tensile Strength (kg/cm ²)		4.0
Tear Strength (kg/cm)		2.5
Compression Strength 25% (kg/cm ²)		0.4
Compression Set (%)		10
Compression deflection (kPa)		40 ±10 kPa
Density (kg/m ³)		125 ±10
Thermal Conductivity		0.0501 W/mK
R-Value	Uncompressed	R0.4
	Compressed	R0.3
Water Absorption (g/cm ³)		0.01
Linear Shrinkage (%)		5
Operating Temperature Range		- 30° to + 100° C
Flammability (mm/second) CNS1048A2165		40mm / 60 sec
UL94 HF-1 (UL94-1997)		NA
Standard Colour		Black
Combustion Characteristics (FMVSS-302)		Pass
Test Method CNS10487A2165		

The information supplied herein is presented in good faith and believed to be accurate to the best knowledge of the supplier. It is also predicated on normal use of the product. However, since conditions of use are beyond our control we make no warranties, expressed or implied as to the use of this information or to the suitability of product for a particular purpose.

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