



EM-41-ST

EPDM

This data sheet property values are typical of the material and are intended to provide guidance to customers; they do not constitute a specification and should not be used for specification development.

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Item	Specs		Test Method
Grade	2A1		ASTM D 1056
Density (PCF) (kg/m ³)	6 ± 2 PCF 96 ± 32 kg/m ³		ASTM D 1056
Compression Deflection @25% (CFD) (psi) (kPa)	2 to 5 psi @25% 13.8 to 34.5 kPa @ 25%		ASTM D 1056
Shore Hardness OO (Durometer)	35 to 43		ASTM D 2240
Compression Set (%)	≤45 @ 50%		ASTM D 395
Tensile Strength (psi) (kPa)	≥40 psi ≥276 kPa		ASTM D 412
Elongation %	220 to 260		ASTM D 412
Tear Strength Resistance (ppi)	≥6		ASTM D 624
Water Absorption by Weight %	≤10%		ASTM D 1056
Service Temperature (°F)(°C)	°F	°C	ASTM D 1056
Low	-58	-50	
High	219.2	104	
High intermittent	257	125	
Flammability	Pass @ ≥ 6.35 mm		FMVSS 302

The data on this technical data sheet should be used as a guideline for product selection. This data is not intended to represent, replace or be used as a proxy for a specific product sales specification. The physical properties are averages based on limited production runs and are subject to change as additional data becomes available.