



Developer & Manufacturer of Engineered Foams

Xcellite™ Xi42

Typical Data Sheet

Engineered Foam Description	Medium cellular rubber
Polymer	PVC/NBR/CR (Polyvinyl Chloride/Acrylonitrile Butadiene/Chloroprene)
Standard Color	Black (Please call for optional colors)
ASTM D1056 Classification	2B2/2C2 (optional suffixes can be added)

Physical Property	Target	Units	Test Method
Density	64 - 96	kg/m ³	ASTM D1056
	4 - 6	lbs/ft ³	
Compression Deflection, 25%	34.5 - 62.1	kPa	ASTM D1056
	5 - 9	psi	
Compression Set, 50% RT	30	%	ASTM D1056
Tensile	520	kPa	ASTM D1056
	75	psi	
Elongation	100	%	ASTM D1056
Water Absorption	10 max.	%	ASTM D1056
Flammability, burn rate	0 - SE	mm/min.	FMVSS 302
	0 - SE	in./min.	
Temperature Use: Hot ¹	93 / 200	°C / °F	
: Cold	-40 / -40	°C / °F	ASTM D1056
Gauge ^{2, 3} skin two sides	19 - 38 (+5, -0)	mm	ASTM D1056
	0.750 - 1.500 (+0.200, -0)	in.	

NOTE:

1 - For intermittent exposure only

2 - Please contact customer service 574.284.1000 for additional sizes including widths, skin one side and no skin surfaces.

3 - RMA Class 3 surfaces

For reference:

SAE J18 2B2

For details or information on additional standards please contact customer service.

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