

# DATA SHEET

## EXPANDED NEOPRENE / EPDM SPONGE

ASTM D1056-14 Classification - 2C1 B3 M

Property	Actual Values
Density <b>ASTM D3575</b>	115-155 Kg/m <sup>3</sup>
Compression Deflection (25%) <b>ASTM 1056</b>	20-40 kPa
Compression Deflection (50%) <b>ASTM 1056</b>	50-70 kPa
Compression Set (25%/22h/23 <sup>o</sup> c)-after 24 hrs <b>ASTM 1056</b>	2-4 %
Compression Set (50%/22h/23 <sup>o</sup> c)-after 24 hrs <b>ASTM 1056</b>	15-35 %
Shrinkage (22h/70 <sup>o</sup> c) <b>ASTM D573</b>	8-12 %
Shore Hardness	40-45
Elongation <b>ASTM D412</b>	180-220 %
Temperature Range (Constant)	-40 <sup>o</sup> c / +75 <sup>o</sup> c
Temperature Range (Intermittent)	- 90 <sup>o</sup> c / + 110 <sup>o</sup> c
Water Absorption (Max Wt Change) <b>ASTM D1056</b>	1-3 %
Tensile Strength <b>ASTM D412</b>	480-530 Kpa
Flame Resistance <b>UL94HF1</b>	Pass
Environmental Protection	CFC & HCFC Free

*This information is given to the best of our knowledge. All test data are average values and should be considered as guidelines only*



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