

P & P Technology EPDM Closed Cell Sponge

Category : Polymer , Thermoset , Rubber or Thermoset Elastomer (TSE)

Material Notes:

Description: Metweave is a lamination of PPT conductive fabric and closed cell EPDM. Information provided by P & P Technology

Order this product through the following link:

http://www.lookpolymers.com/polymer_P-P-Technology-EPDM-Closed-Cell-Sponge.php

Physical Properties	Metric	English	Comments
Specific Gravity	0.110 - 0.150 g/cc	0.110 - 0.150 g/cc	
Water Absorption	<= 0.80 %	<= 0.80 %	Vacuum
Deformation	25 %	25 %	Compression
	@Pressure 0.0200 - 0.0400 MPa	@Pressure 2.90 - 5.80 psi	
	50 %	50 %	Compression
	@Pressure 0.0700 - 0.100 MPa	@Pressure 10.2 - 14.5 psi	

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	35 - 55	35 - 55	
Tensile Strength	0.220 MPa	31.9 psi	
Elongation at Break	>= 180 %	>= 180 %	
Tear Strength	>= 1.00 kN/m	>= 5.71 pli	
Compression Set	<= 30 % @Temperature 23.0 °C, Time 79200 sec	<= 30 % @Temperature 73.4 °F, Time 22.0 hour	0.5

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	120 °C	248 °F	
Minimum Service Temperature, Air	-40.0 °C	-40.0 °F	
Flammability, UL94	V-0	V-0	

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