

Monmouth Rubber & Plastics Durafoam, C41 Closed Cell Epichlorohydrin

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

Material Notes:

Information provided by Monmouth Rubber & Plastics Corp.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Monmouth-Rubber-Plastics-Durafoam-C41-Closed-Cell-Epichlorohydrin.php

Physical Properties	Metric	English	Comments
Density	0.240 g/cc	0.00868 lb/in ³	ASTM D1056
Water Absorption	<= 5.0 %	<= 5.0 %	Weight change; ASTM D1056

Mechanical Properties	Metric	English	Comments
Tensile Strength	0.827 MPa	120 psi	Die A; ASTM D412
Elongation at Break	250 %	250 %	Die A; ASTM D412
Compressive Strength	0.0138 - 0.0345 MPa	2.00 - 5.00 psi	Deflection @ 25%; ASTM D1056
Tear Strength	3.16 kN/m	18.0 pli	Die C; ASTM D624
Compression Set	<= 25 %	<= 25 %	ASTM D1056

Thermal Properties	Metric	English	Comments
Maximum Service Temperature, Air	-40.0 Â°C	-40.0 Â°F	
Minimum Service Temperature, Air	149 Â°C	300 Â°F	
	325 Â°C	617 Â°F	Intermittent

Descriptive Properties	Value	Comments
Color	Black	
Fluid Immersion	<50%	(7 days at 73.4Â°F) ASTM Ref. Fuel B, Weight Change, ASTM-D-1056
Resilience	0.45	ASTM D2632

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