

Rogers Corporation Poron® Shock Seal™ 4790-79-12 Urethane Foam, Industrial Grade

Category : Polymer , Thermoset , Polyurethane, TS , Thermoset Polyurethane Foam, Unreinforced

Material Notes:

Thickness: 0.080"- 0.375"Color: BlackInformation provided by Rogers Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Rogers-Corporation-Poron-Shock-Seal-4790-79-12-Urethane-Foam-Industrial-Grade.php

Physical Properties	Metric	English	Comments
Density	0.192 g/cc	0.00694 lb/in ³	ASTM D3574-95 Test A
Water Absorption	10 % @Time 7200 sec	10 % @Time 2.00 hour	Immersion; ASTM D570
Thickness	2030 - 9530 microns	80.0 - 375 mil	Range of Thicknesses Available

Mechanical Properties	Metric	English	Comments
Tensile Strength	>= 0.207 MPa	>= 30.0 psi	ASTM D3574-75 Test E
Elongation at Break	>= 145 %	>= 145 %	ASTM D3574-75 Test E
Compressive Yield Strength	0.00689 - 0.0345 MPa @Strain 25.0 %	1.00 - 5.00 psi @Strain 25.0 %	0.2"/min. strain rate
Tear Strength	>= 0.900 kN/m	>= 5.14 pli	ASTM D642-91 Die C
Compression Set	<= 5.0 % @Temperature 23.0 °C	<= 5.0 % @Temperature 73.4 °F	ASTM D3574-95 Test D
	<= 10 % @Temperature 70.0 °C	<= 10 % @Temperature 158 °F	ASTM D3574-95 Test D

Descriptive Properties	Value	Comments
Flammability Test	pass	MVSS 302; 0.25 in.

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