

## Rogers Corporation Poron® Shock Seal™ 4790-79-15 Urethane Foam, Industrial Grade

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

**Material Notes:**

Thickness: 0.125"- 0.500"Color: BlackInformation provided by Rogers Corporation.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Rogers-Corporation-Poron-Shock-Seal-4790-79-15-Urethane-Foam-Industrial-Grade.php](http://www.lookpolymers.com/polymer_Rogers-Corporation-Poron-Shock-Seal-4790-79-15-Urethane-Foam-Industrial-Grade.php)

Physical Properties	Metric	English	Comments
Density	0.240 g/cc	0.00868 lb/in <sup>3</sup>	ASTM D3574-95 Test A
Water Absorption	10 % @Time 7200 sec	10 % @Time 2.00 hour	Immersion; ASTM D570
Thickness	3180 - 12700 microns	125 - 500 mil	Range of Thicknesses Available

Mechanical Properties	Metric	English	Comments
Tensile Strength	>= 0.414 MPa	>= 60.0 psi	ASTM D3574-75 Test E
Elongation at Break	>= 145 %	>= 145 %	ASTM D3574-75 Test E
Compressive Yield Strength	0.0138 - 0.0689 MPa @Strain 25.0 %	2.00 - 10.0 psi @Strain 25.0 %	0.2"/min. strain rate
Tear Strength	>= 1.10 kN/m	>= 6.28 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; 0.125 in.

### Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China