

PORON® ShockSeal™ Foam: General Industrial Grades (4790-79)

PROPERTY	TEST METHOD	VALUE		
PHYSICAL				
Density, kg /m ³ (lb. / ft ³)	ASTM D 3574-95, Test A	192 (12)	240 (15)	320 (20)
Tolerance, %		± 10		
Thickness, mm (inches)		2.03-9.53 (0.080-0.375)	3.18-12.70 (0.125-0.500)	1.57-4.78 (0.062-0.188)
Tolerance, %		± 10		
Standard Color (Code)		Black (04)		
Compression Force Deflection, kPa (psi) Typical kPa (psi)	.51 cm/min (0.2" / min) Strain Rate Force Measured @ 25% Deflection	7- 35 (1 – 5)	14 – 69 (2 – 10)	28 – 110 (4 – 16)
Compression Set, % max	ASTM D 3574-95 Test D @ 23°C (73°F) ASTM D 3574-95 Test D @ 70°C (158°F)	5 10		
Tensile Strength, Min. kPa (psi)	ASTM D 3574-75 Test E	207 (30)	414 (60)	689 (100)
Tensile Elongation, % min.	ASTM D 3574-75 Test E	> 145		
Tear Strength, Min. kN/m (pli)	ASTM D 642-91 Die C	0.9 (5)	1.1 (6)	1.8 (10)
FLAMMABILITY				
Flammability, mm (inches)	MVSS 302 (Pass ≥)	6.35 (0.250)	3.18 (0.125)	1.57 (0.062)
ENVIRONMENTAL				
Gasketing and Sealing	UL JMST2 (Consisting of UL50E and UL508)	File MH15464		
Water Absorption, % weight gain	ASTM D 570 – 2hr water immersion @ room temperature	Typical Value 10		

1. All metric conversions are approximate.
2. Additional technical information is available.
3. Typical values should not be used for specification limits.

The information contained in this Data Sheet is intended to assist you in designing with Rogers' PORON Polyurethane Foam Materials. It is not intended to and does not create any warranties, express or implied, including any warranty of merchantability or fitness for a particular purpose or that the results shown in this Data Sheet will be achieved by a user for a particular purpose. The user should determine the suitability of Rogers PORON Polyurethane Foams for each application. The Rogers logo, Helping power, protect, connect our world, ShockSeal and PORON are trademarks of Rogers Corporation or one of its subsidiaries. © 2012, 2017 Rogers Corporation, All rights reserved. Printed in U.S.A., 0217-PDF, Publication #17-226