

PORON® 4790-92 Extra Soft- Slow Rebound

PROPERTY	TEST METHOD	TYPICAL VALUE	
PHYSICAL			
Density, kg /m³ (lb / ft³)	ASTM D 3574-95, Test A	192 (12)	240 (15)
Tolerance, %		± 10	
Thickness, mm (inches)		3.18 (0.125) 3.94 (0.155) 9.53 (0.375)	3.18 (0.125) 4.78 (0.188) 6.35 (0.250) 9.53 (0.375) 12.70 (0.500)
Tolerance, %		± 10	
Standard Color (Code)		Black (04)	
Compression Force Deflection, kPa (psi)	ISO 6916-1 30mm/min Strain Rate Force Measured @ 25% Deflection	N/A	14 (2)
Compression Set, % max.	ISO 1856 Test A @ 70°C	N/A	0.7%
Dimensional Stability, % max. change	22 hrs @ 80°C in a forced-air oven	± 5	
ELECTRICAL			
Dielectric Strength, kV/mm	IEC 243-1	N/A	1.7
Volume Resistivity, ohm-cm	IEC 60093	N/A	4.01E+11
Surface Resistivity, ohm/sq	IEC 60093	N/A	8.10E+12
TEMPERATURE RESISTANCE			
Recommended Constant Use, max.	UL 157	90°C	
Recommended Intermittent Use, max.	UL 157	121°C	
Embrittlement	ISO 974(E)	-36°C	
FLAMMABILITY AND OUTGASSING			
Flammability	UL 94HBF (File E20305) Min. thickness Passed, mm (in)	3.94 (0.155)	3.00 (0.118)
	ISO 3795, DIN 75200 Min. thickness Passed, mm (in) Max. burn rate (mm/min)	N/A	4.78 (0.188) 0
	MVSS 302 (Pass ≥) Min. thickness Passed, mm (in)	3.94 (0.155)	3.00 (0.118)
Fogging	ISO 6452, DIN 75201	N/A	PASS
ENVIRONMENTAL			
Gasketing and Sealing	UL JMST2 (Consisting of UL50 and UL508)	File MH15464	

Notes:

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

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