

PORON® 4790-92 Extra Soft- Slow Rebound (Supported)

PROPERTY	TEST METHOD	TYPICAL VALUE		
PHYSICAL				
Density, kg /m³ (lb / ft³)	ASTM D 3574-95, Test A	240 (15)	320 (20)	400 (25)
Tolerance, %		± 10		
Thickness, mm (inches)		1.00 (0.039) 3.05 (0.120)	2.06 (0.081)	0.53 (0.021) 0.61 (0.024) 0.79 (0.031) 1.04 (0.041)
Tolerance, %		± 10		± 15
Standard Color (Code)		Black (04)		
Compression Force Deflection, kPa (psi)	ISO 6916-1 30mm/min Strain Rate Force Measured @ 25% Deflection	16 (2)	22 (3)	N/A
Compression Set, % max.	ISO 1856 Test A @ 70°C	0.4%	0.8%	N/A
Dimensional Stability, % max. change	22 hrs @ 80°C in a forced-air oven	N/A		
ELECTRICAL				
Dielectric Strength, kV/mm	IEC 243-1	3.4	4.8	N/A
Volume Resistivity, ohm-cm	IEC 60093	5.54E+13	5.08E+13	N/A
Surface Resistivity, ohm/sq	IEC 60093	6.22E+15	1.36E+15	N/A
TEMPERATURE RESISTANCE				
Recommended Constant Use, max.	UL 157	90°C		N/A
Recommended Intermittent Use, max.	UL 157	121°C		N/A
Embrittlement	ISO 974(E)	-36°C		N/A
FLAMMABILITY AND OUTGASSING				
Flammability	UL 94HBF (File E20305) Min. thickness Passed, mm (in)	N/A	N/A	N/A
	ISO 3795, DIN 75200 Min. thickness Passed, mm (in) Max. burn rate (mm/min)	3.05 (0.120) 31	2.06 (0.081) 16	N/A
	MVSS 302 (Pass ≥) Min. thickness Passed, mm (in)	N/A	N/A	N/A
Fogging	ISO 6452, DIN 75201	PASS	PASS	N/A
ENVIRONMENTAL				
Gasketing and Sealing	UL JMST2 (Consisting of UL50 and UL508)	File MH15464		

Notes:

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

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