

PORON® 4790-92-25021 P (Supported) Extra Soft – Slow Rebound

PROPERTY	TEST METHOD	VALUE
PHYSICAL		
Density, lb./ft ³ (kg/m ³) Tolerance, %	ASTM D3574-95 Test A	25 (400) ± 10
Thickness, inches (mm) Tolerance, %		0.021 (0.53) ± 15
Standard Color (Code)		Black (04)
Compression Force Deflection, Range psi (kPa), Typical psi (kPa)	0.2" / min. Strain Rate Force Measured @ 25% Deflection	1.25 - 8.5 (8 - 58) 5.3 (37)
Compression Set, % max.	ASTM D 1667-90 Test D @ 73°F (23°C) ASTM D 3574-95 Test D @ 158°F (70°C)	2 10
ELECTRICAL AND THERMAL		
Dielectric Constant, K', "DK"	ASTM D 150 measurements at 72°F (22°C) relative humidity 50% for 24 hrs.	1.48
Dielectric Strength, volts/mil	ASTM D 149-97a	50
Dissipation Factor, tan D, "DF"	ASTM D 150-98	0.04
Volume Resistivity, ohm-cm	ASTM D 257-99	8.0 x 10 ¹¹
Surface Resistivity, ohm/sq.	ASTM D 257-99	10.0 x 10 ¹¹
Coefficient of Thermal Expansion		2.3 - 3.1 x 10 ⁻⁴ in./in./°C
TEMPERATURE RESISTANCE		
Recommended Constant Use, max.	SAE J-2236	158°F (70°C)
Recommended Intermittent Use, max.	ASTM D 746-98	250°F (121°C)
Embrittlement	ASTM D 746-98	-10°F (-12°C)

Please see reverse side for additional data.