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Material Specification Sheet

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RHN 9A



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Poron® 4701-30 Very Soft (Supported)

Property	Test Method	Typical Value	
Physical			
Density, kg, m3 (lb/ft3)	ASTM D 3574-95, Test A	320 (20)	400 (25)
Tolerance %		±10	
Thickness, mm (inches)		1.63 (0.064) 2.41 (0.095)	0.53 (0.021) 0.94 (0.037) 1.19 (0.047)
Tolerance %		±10	±15
Standard Colour (code)		Black (04)	
Compression Force Deflection, kPa (psi)	ISO 6916-1 30mm/min Strain Rate Force Measured @ 25% Deflection	41 (6)	N/A
Compression Set, % max.	ISO 1856 Test A @ 70°c	1.9%	N/A
Dimensional Stability, % max. change	22 hrs @ 80°c in a forced air oven	±1	
Electrical			
Dielectric Strength, kV/mm	IEC 243-1	3.8	N/A
Volume Resistivity, ohm-cm	IEC 60093	1.91E+13	N/A
Surface Resistivity, ohm/sq.	IEC 60093	4.19E+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)	-55°c	N/A
Flammability & Outgassing			
Flammability	UL 94HBF (File E20305) Min. thickness Passed, mm (in)	N/A	N/A
	ISO 3795, DIN 75200 Min. thickness Passed, mm (in) Max. burn rate (mm/min)	2.41 (0.095) 75	N/A
	MVSS 302 (Pass ≥) Min. thickness Passed, mm (in)	N/A	N/A
Fogging	ISO 6452, DIN 75201	Pass	N/A
Environmental			
Gasketing and Sealing	UL JMST2 (Consisting of UL50 & 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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