ABLE Industrial Products Inc.

ROGERS CORPORATION

PORON® Polyurethanes

Elastomeric Material Solutions
www.rogerscorp.com

Typical Product Properties
Based on global test methods

PORON® 4701-37 Very Soft- Enhanced Sealability

PROPERTY	TEST METHOD	TYPICAL VALUE
PHYSICAL		
Density, kg /m³ (lb / ft³)	ASTM D 3574-95, Test A	224 (14)
Tolerance, %		± 15
Thickness, mm (inches)		1.50 (0.059) 3.00 (0.118) 6.50 (0.256) 9.50 (0.374)
Tolerance, %		± 10
Standard Color (Code)		Black (04)
Compression Force Deflection, kPa (psi)	ISO 6916-1 30mm/min Strain Rate Force Measured @ 25% Deflection	38 (5)
Compression Set, % max.	ISO 1856 Test A @ 70°C	1.5
ELECTRICAL		
Dielectric Strength, kV/mm	IEC 243-1	N/A
Volume Resistivity, ohm-cm	IEC 60093	9.64E+12
Surface Resistivity, ohm/sq	IEC 60093	7.19E+13
TEMPERATURE RESISTANCE		
Recommended Constant Use, max.	UL 157	90°C
Recommended Intermittent Use, max.	UL 157	121°C
Embrittlement	ISO 974(E)	-41°C
FLAMMABILITY AND OUTGASSING		
Flammability	UL 94HBF (File E20305) Min. thickness Passed, mm (in)	6.35 (0.250)
	ISO 3795, DIN 75200 Min. thickness Passed, mm (in) Max. burn rate (mm/min)	 6.35 (0.250) 47
	MVSS 302 (Pass ≥) Min. thickness Passed, mm (in)	6.35 (0.250)
Fogging	ISO 6452, DIN 75201	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.