

PORON EVExtend® 4701-71

PROPERTY	TEST METHOD	71-20118	71-25118
PHYSICAL			
Density, kg/m³ (lb./ft³)	ASTM D3574-95, Test A	320 (20)	400 (25)
Tolerance, %		± 10	
Thickness, mm (inches)		3.0 (0.118)	3.0 (0.118)
Tolerance, %		± 10	
Standard Color (Code)		Spring Green (112)	
Compression Force Deflection, Typical kPa (psi)	0.51 cm/min (0.2"/min) Strain Rate Force Measured @ 25% Deflection	103-207 (15-30)	207-345 (30-50)
Compression Set, % max.	ASTM D3574-95 Test D @ 70°C (158°F)	10	
Tensile Strength, min. kPa, (psi)	ASTM D3574-95 Test E	1379 (200)	1723 (250)
Tensile Elongation, % min.	ASTM D3574-95 Test E	300	
Tear Strength, pli min.	ASTM D264-91 Die C	20	30
ELECTRICAL AND THERM	AL		
Thermal Conductivity, W/M-K (BTU-in./hr/ft²-F)	ASTM C518-98	0.075 (0.52)	0.079 (0.55)
Dielectric Strength, volts/mil	ASTM D150 Measurement @ 22°C (72°F) Relative Humidity, 50% for 24 hours	60	78



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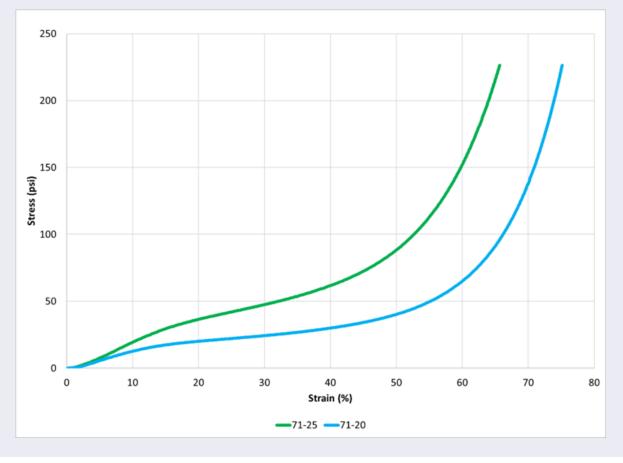


PROPERTY	TEST METHOD	71-20118 71-25118	
TEMPERATURE RESISTAN	ICE		
Recommended Constant Use, max	SAE J-2236	90°C (194°F)	
Recommended Intermittent Use, max		121°C (250°F)	
Embrittlement	ASTM D746-98	-40°C (104°F)	

Notes:

- Thickness availability may vary by construction type. Contact your local sales or customer service representative
- All metric conversions are approximate
- Additional technical information is available
- Typical values should not be used for specification limits

Graph 1: Compression Force Deflection Full Range (ASTM D1056)





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