

PORON® 4723-43 High Temperature Grade (Soft) (replaces 4723-23) Preliminary Product Properties

PROPERTY	TEST METHOD	VALUE	
Density, lb. / ft ³ (kg /m ³) Tolerance, %	ASTM D3574 - Test A	15 (240)	20 (320)
		± 10	
Thickness, inches (mm) (see standard availability listing) Tolerance, %		0.188 (4,78) 0.250 (6,35)	0.12 (3,18) 5
		± 10	
Standard Color, (Code)		Black (1610)	
Compression Set, %, max.	ASTM D3574 - Test D @ 73°F (23°C)	2	
	ASTM D3574 - Test D @ 158°F (70°C)	5	
	ASTM D3574 - Test D @ 257°F (125°C)	10	
Compression Force Deflection, psi (kPa)	0.2" / min. Strain Rate. Force Measured @ 25% Deflection	5 - 11 (35 - 76)	10 - 20 (69 - 138)
Flammability	MVSS 302	PASS	
Temperature Resistance Cold Flexibility Recommended Constant Use, max. Recommended Intermittent Use, max.	MIL-P-12420C @ -40°F (-40°C)	PASS	
		221°F (105°C) 257°F (125°C)	
Tear Strength, pli (kN/m)	ASTM D624 - Die C	3 (0.5)	4 (0.7)
Tensile Elongation, %, min.	ASTM D3574 - Test E	30	50
Tensile Strength, psi, min. (kPa)	ASTM D3574 - Test E	30 (207)	60 (414)

The above data represents preliminary values. It is not intended to and does not create any warranties, express or implied, including any warranty of merchantability or fitness for a particular purpose. The relative merits of materials for a specific application should be determined by your evaluation.

Notes:

1. All metric conversions are approximate.

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