

Physical

Specific Gravity	ASTM D792	2.12
Hardness, Shore D Scale	ASTM D2240	60
Water Absorption	ASTM D570	0%

Mechanical

Tensile Strength	ASTM D1457	2,500 PSI
Elongation	ASTM D1457	150%
Compressive Strength at 1% Strain	ASTM D695	1,000 PSI
Deformation Under Load at 1500 PSI, 24 hours, Room Temperature	ASTM D621	2.50%

Thermal

Linear Coefficient of Thermal Expansion	ASTM D696	
Molded Direction		7.0 x 10 ⁻⁵ in/in/°F
Cross Direction		4.4 x 10 ⁻⁵ in/in/°F
Thermal Conductivity	Cenco-Fitch	4.6 BTU in/hr ft ² °F
Flammability	ASTM D635	Non-Flammable
Operating Temperature Range		-400°F to +550°F

Recommended Operating Limits

Maximum Pressure (P)	1,000 PSI
Maximum Velocity (V) with no pressure	400 Ft./min.
Maximum PV (P x V)	10,000
Minimum Mating Surface Hardness	
Rockwell Scale	R _b 25
Brinnell Scale	64

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