



Technical Specifications

Property	ASTM	Value	Unit
PHYSICAL			
Specific Gravity	D792	2.06 to 2.12	MPa [psi]
MECHANICAL			
Tensile Strength	D1708	10.3 [1,500]	MPa [psi]
Elongation	D1708	60	%
Compression Strength ²	D695	5.2 [750]	MPa [psi]
Deformation Under Load ³	D621	3.2	%
Hardness	D2240	60	Shore D
THERMAL			
Thermal Conductivity	D435	15.6 x 10 ⁻⁴ [4.5]	cal/(cm-sec °C) [BTU-in(hr-ft ² °F)]
Linear Coefficient of Thermal Expansion 26° to 200°C [78° to 392°F]	D696		
Mold Direction		11.8 x 10 ⁻⁵ [6.5 x 10 ⁻⁵]	m/m/°C [in/in/°F]
Cross Direction		9.3 x 10 ⁻⁵ [5.1 x 10 ⁻⁵]	m/m/°C [in/in/°F]

1. All testing is performed at room temperature unless otherwise specified.
2. Compression Strength was measured at 1% strain.
3. Deformation Under Load was tested at 13.8 MPa [2,000 psi] for 24 hours.

NOTE: The data listed above falls within the normal range of properties but should not be used to establish specification limits nor used solely as the basis of design.

Features / Benefits

- Color: Black
- Statically dissipative
- Ideal for wet applications
- Chemically Inert
- Works well with soft metals
- Excellent for piston rings
- Working temperature range: -240° to +288°C [-400° to 550°F]

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CJ Composite

- Self-Lubricating
- Low weight | High Strength
- Chemical Resistance
- Direct replacement for Bronze



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- High Load | Low Speed
- 54,400 PSI Compressive Strength
- Exceptional Resistance to Vibration and Impact



TriSteel[™]

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- High Load | High Speed
- Metal Backed Bearing System
- 100% Lead Free



Rulon[®]

- Self-Lubricating
- Low weight | High Strength
- Low Coefficient of Friction
- Chemically Resistant



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