

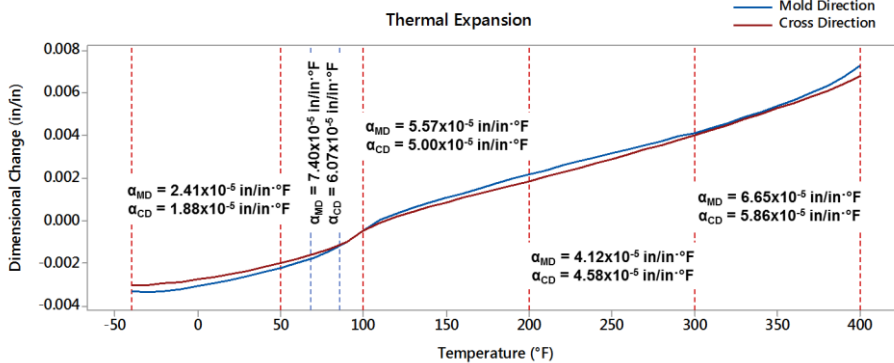
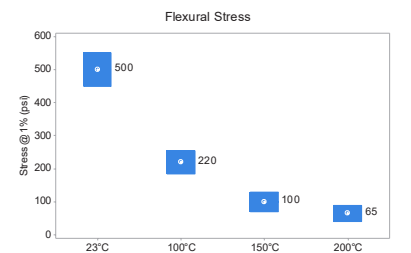
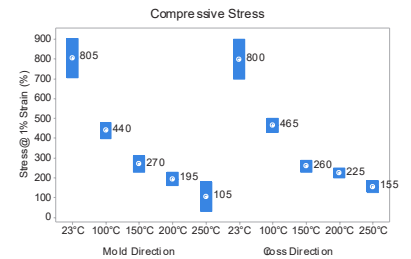
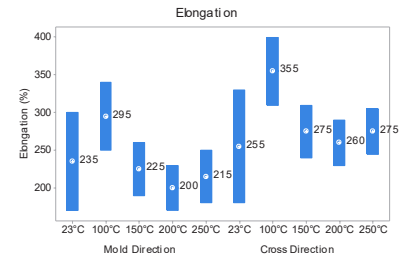
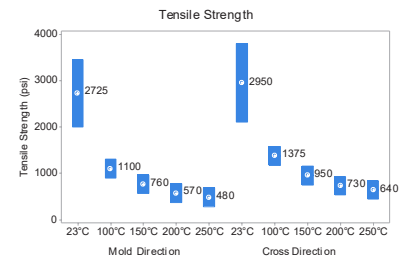
### Features:

- Color: Light brown
- Excellent wear and heat resistance
- Non-abrasive

### Benefits:

- Recommended for moderate to high speed service running against soft or hard metals
- Performs well against lubricated and non-lubricated surfaces
- Working Temperature Range: -268° to +288°C [-450° to +550°F]

	Property	Test Method	Typical Value	Unit
Physical	Specific Gravity	ASTM D792	1.95	-
	Hardness	ASTM D2240	60 – 70	Shore D
	Water Absorption, 24h	ASTM D570	0	%
Mechanical	Tensile Strength	ASTM D4894	18.8 [2,725]	MPa [psi]
	Elongation	ASTM D4894	235	%
	Tensile Modulus	ASTM D4894	0.24 [0.35]	GPa [psi x 10 <sup>5</sup> ]
	Compressive Stress @ 1% Strain	ASTM D695	5.5 [800]	MPa [psi]
	Compressive Modulus	ASTM D695	0.56 [0.81]	GPa [psi x 10 <sup>5</sup> ]
	Flexural Stress @ 1% Strain	ASTM D790	3.4 [500]	MPa [psi]
	Flexural Modulus	ASTM D790	0.36 [0.52]	GPa [psi x 10 <sup>5</sup> ]
	Deformation under load, 1500 psi & RT	ASTM D621	2.5	%
Thermal	Thermal Conductivity	ASTM D2214	0.24 [1.7]	W/m·°C [BTU·in/hr·ft <sup>2</sup> ·°F]
	Flammability	ASTM D635	Non-flammable	m/s [in/min]
Electrical	Volume Resistivity	ASTM D257	8.2 x 10 <sup>18</sup>	Ohm·cm
	Surface Resistivity	ASTM D257	6.3 x 10 <sup>18</sup>	Ohm·sq
	Dielectric Constant (106 cycles)	ASTM D150	2.4	-
	Dielectric Strength (2.032 mm [0.080"] thick)	ASTM D149	7.9 [200]	MV/m [V/mil]
	Dissipation Factor (106 cycles)	ASTM D149	0.0015	-
Tribo	Coefficient of Friction	-	0.12 – 0.20	-
Operating Limits Mating Surface	Maximum Pressure	-	5.2 [750]	MPa [psi]
	Maximum Velocity (no pressure)	-	2 [400]	m/s [ft/min]
	Maximum PV	-	0.26 [7,500]	MPa x m/s [psi x ft/min]
	Rockwell / Brinnell Scale	-	Rb25 / 64	Minimum



The table above represents typical values at room temperature for compression molded Rulon<sup>®</sup>, unless otherwise specified, intended for reference only. They should NOT be used as a basis for design specifications or quality control.

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Engineering | Custom Fabrication | Manufacturing



## CJ Composite

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



## Ultracomp<sup>®</sup>

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



## TriSteel<sup>™</sup>

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



## Rulon<sup>®</sup>

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



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