



### Technical Specifications

Property	ASTM	Value	Unit
<b>PHYSICAL</b>			
Specific Gravity	D792	2.58	g/cc
Hardness	D2240	61	Shore D
<b>MECHANICAL</b>			
Tensile Strength	D1457	17.7 [2,567]	MPa [psi]
Elongation	D1457	200	%
Flexural Strength @ 1% Strain	D790	5.0 [725.4]	MPa [psi]
Flexural Strength @3% Strain	D790	10.9 [1,578.8]	MPa [psi]
Flexural Modulus	D790	588.4 [85,340]	MPa [psi]
Compressive Stress @ 1% Strain	D695	5.5 [796.5]	MPa [psi]
Compressive Stress @ 5% Strain	D695	12.7 [1,849]	MPa [psi]
Compressive Stress @ 0.2% Offset	D695	7.5 [1,081]	MPa [psi]
Compressive Modulus	D695	0.5 [75.4]	MPa [psi]
Dynamic Coefficient of Friction	Saint-Gobain	0.1	-
Static Coefficient of Friction	Saint-Gobain	0.25	-
<b>THERMAL</b>			
Linear Coefficient of Thermal Expansion (LCTE) 25° to 90°C [77° to 194°F]	D696	8.7 [4.8]	m/m/°C x 10 <sup>-5</sup> [in/in/°F x 10 <sup>-5</sup> ]
LCTE 25° to 150°C [77° to 302°F]	D696	9.2 [5.1]	m/m/°C x 10 <sup>-5</sup> [in/in/°F x 10 <sup>-5</sup> ]
LCTE 25° to 200°C [77° to 392°F]	D696	10.9 [6.1]	m/m/°C x 10 <sup>-5</sup> [in/in/°F x 10 <sup>-5</sup> ]

All testing is performed at room temperature unless otherwise specified.

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.

### Product Description

- Color: Black
- Long life
- Low friction
- Excellent heat dissipation characteristics
- Elongation allows ease of installation by expanding over the piston
- 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



## Ultracomp®

- Self-Lubricating
- High Load | Low Speed
- High Compressive Strength
- Vibration & Impact Resistance



## TriSteel™

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



## Rulon®

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



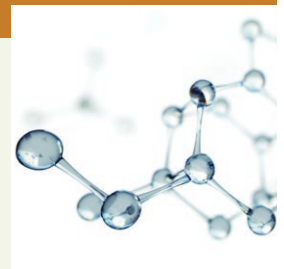
## Meldin®

- High Performance Materials
- High Temp Dimensional Stability
- Chemical Resistance
- Withstands Thermal Shocks



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