

CPI 595

High strength, high stiffness, lead free material for wiper rings



CPI 595 is a thermoplastic material ideally suited for bearing and sliding contact applications.

CPI 595 provides high strength and stiffness, outstanding wear resistance and very good dimensional stability along with excellent chemical resistance.

These properties make it an ideal, lead free, alternative to the bronze and white metals commonly used in products such as oil wiper rings.

CPI should be consulted for the proper design and application of its specialized products and materials. For further advice and technical support please contact CPI directly.

Typical properties	Metric	Imperial
Tensile strength at 20°C	76 MPa	11,000 psi
Elongation at 20°C (%)	5	5
Coefficient of thermal expansion	65-85 x 10 ⁻⁶ /°C	3.6-4.7 x 10 ⁻⁵ /°F
Specific gravity	1.4	1.4
Water absorption (%)	0.06	0.06
Suggested temperature limit	115°C	239°F
Hardness (Shore 'D')	86	86



Note: The values above are for reference only and are not intended for specification or quality control purposes.