

MATERIAL DATA SHEET

05-154

05-154 is a filled PEEK alloy developed for higher temperature or poorly lubricated service. For use in piston & rider rings, rod rings, and bushings.

| Properties | Value | | ASTM Method |
|--------------------------|---------------------------------------|---------------------------------------|-------------|
| Tensile Strength | 8000 psi | 55.2 MPa | D638 |
| Flexural Strength | 12000 psi | 82.7 MPa | D790 |
| CTE | $1.7 \times 10^{-5}/^{\circ}\text{F}$ | $3.1 \times 10^{-5}/^{\circ}\text{C}$ | D696 |
| Density | .054 lb/in ³ | 1.5 g/cm ³ | D792 |