

Data Sheet: PC – Like Heat Resist Translucent

Details

This is best suited for parts that require high strength and stiffness with high temperature resistance. It is widely used for the manufacturing prototypes of electronic and lighting components. It provides enhanced feature details.

Key Features

High strength • Stiff

Thermal Properties

Mechanical Properties

| Property | Value |
|-----------------------------|-------|
| Tensile strength [MPa] | 50 |
| Modulus of elasticity [GPa] | 3.4 |
| Elongation at break [%] | 3 |

Other Properties

| Property | Value |
|---------------------------------|---------------------|
| Density [g/cm ³] | 1.25 |
| Water Absorption [%] | 0.1 |
| Electrical Resistivity [ohm-cm] | 15×10^{15} |
| Heat deflection [°C] | 70 |

| | |
|---|----|
| Coefficient of thermal expansion [K-1 · 10-6] | 70 |
|---|----|

Reference

Datasheets provided by Xometry contain materials sourced through trusted OEMs, material distributors, and databases. Please visit [Materialdatacenter.com](https://www.materialdatacenter.com) for further information on this material.