

Global PC-1424 Standard Grade Polycarbonate

Category : Polymer , Thermoplastic , Polycarbonate (PC) , Polycarbonate, Molded

Material Notes:

Information provided by Global Polymers Corporation.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Global-PC-1424-Standard-Grade-Polycarbonate.php

| Physical Properties | Metric | English | Comments |
|-----------------------|--------------|---------------------------|------------|
| Density | 1.20 g/cc | 0.0434 lb/in ³ | ASTM D792 |
| Linear Mold Shrinkage | 0.0060 cm/cm | 0.0060 in/in | ASTM D955 |
| Melt Flow | 24 g/10 min | 24 g/10 min | ASTM D1238 |

| Mechanical Properties | Metric | English | Comments |
|----------------------------|-----------|---------------|-----------|
| Tensile Strength, Ultimate | 62.1 MPa | 9000 psi | ASTM D638 |
| Flexural Modulus | 2.28 GPa | 330 ksi | ASTM D790 |
| Izod Impact, Notched | 7.47 J/cm | 14.0 ft-lb/in | ASTM D256 |

| Thermal Properties | Metric | English | Comments |
|---|--------|---------|-----------|
| Deflection Temperature at 0.46 MPa (66 psi) | 138 °C | 280 °F | ASTM D648 |

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