



TexRes PC 0006

TexCo Resin - Polycarbonate

General Information

Product Description

Extrusion/Blow Molding Grade Polycarbonate

Medium Flow - Clear and Colors Available

Add "R" for Added Release

Add "U" for UV Stabilizer

General

| | |
|-------------------|-----------------------------|
| Features | • Medium Flow |
| Uses | • Blow Molding Applications |
| Appearance | • Black • Clear/Transparent |
| Processing Method | • Blow Molding • Extrusion |

Properties ¹

| Physical | Nominal Value | Unit | Test Method |
|--|---------------|----------|-----------------|
| Density / Specific Gravity | 1.21 | | ASTM D792 |
| Melt Mass-Flow Rate (MFR) | 6.0 | g/10 min | ASTM D1238 |
| Molding Shrinkage - Flow (0.125 in) | 6.0E-3 | in/in | |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Yield) | 9000 | psi | ASTM D638 |
| Tensile Elongation (Break) | > 130 | % | ASTM D638 |
| Flexural Modulus | 330000 | psi | ASTM D790 |
| Flexural Strength | 14300 | psi | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (73°F, 0.125 in) | 14 | ft-lb/in | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load 264 psi, Unannealed | 270 | °F | ASTM D648 |
| Flammability | Nominal Value | Unit | Test Method |
| Flame Rating | HB | | Internal Method |