

Technical Data Sheet

***Polyflam* PC-FR2 NAT**



Polycarbonate

Product Description

Polycarbonate, UL Recognized 94 V-2 Clear and Colors Available Melt Flow Adjustable for Application UL File Number: E213588 Add "R" for Added Release Add "U" for UV Stabilized

Appearance Clear/Transparent; Colors Available

| Typical Properties | Nominal Value | Units | Test Method |
|--|----------------------|-------------------|--------------------|
| Physical | | | |
| Density - Specific Gravity | 1.21 | g/cm ³ | ASTM D792 |
| Mechanical | | | |
| Tensile Strength at Yield | 62.1 | MPa | ASTM D638 |
| Flexural Modulus | 2280 | MPa | ASTM D790 |
| Tensile Elongation at Break | >130 | % | ASTM D638 |
| Flexural Strength | 90.3 | MPa | ASTM D790 |
| Impact | | | |
| Notched Izod Impact, (23 °C, 3.18 mm) | 640 | J/m | ASTM D256 |
| Thermal | | | |
| Deflection Temperature Under Load Unannealed (264 psi) | 132 | °C | ASTM D648 |
| UL Information | | | |
| UL File Number | E51193 | | |