

## 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 |
|--------------------------------------------------------|---------------|-------------------|-------------|
| <b>Physical</b>                                        |               |                   |             |
| Density - Specific Gravity                             | 1.21          | g/cm <sup>3</sup> | ASTM D792   |
| <b>Mechanical</b>                                      |               |                   |             |
| 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   |
| <b>Impact</b>                                          |               |                   |             |
| Notched Izod Impact, (23 °C, 3.18 mm)                  | 640           | J/m               | ASTM D256   |
| <b>Thermal</b>                                         |               |                   |             |
| Deflection Temperature Under Load Unannealed (264 psi) | 132           | °C                | ASTM D648   |
| <b>UL Information</b>                                  |               |                   |             |
| UL File Number                                         | E51193        |                   |             |