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## Technical Data Sheet

### *Polyflam* 35S3152FC BLACK



Polycarbonate + PBT

#### Product Description

35S3152FC is a 15% Glass-Filled, Flame Retardant PC/PBT Alloy

|                      |                   |
|----------------------|-------------------|
| Processing Method    | Injection Molding |
| Forms                | Pellets           |
| Appearance           | Colors Available  |
| Additive             | Flame Retardant   |
| Filler/Reinforcement | Glass Fiber, 15%  |

| Typical Properties               | Nominal Value | Units    | Test Method |
|----------------------------------|---------------|----------|-------------|
| <b>Physical</b>                  |               |          |             |
| Melt Flow Rate, (230 °C/2.16 kg) | 8.0           | g/10 min | ASTM D1238  |
| <b>Mechanical</b>                |               |          |             |
| Tensile Strength at Yield        | 89.6          | MPa      | ASTM D638   |
| Flexural Modulus, (Tangent)      | 5000          | MPa      | ASTM D790   |
| <b>Impact</b>                    |               |          |             |
| Notched Izod Impact              | 80            | J/m      | ASTM D256   |
| <b>UL Information</b>            |               |          |             |
| Flame Rating, (2.5 mm)           | 5VA           |          | UL 94       |
| UL File Number, (USA)            | E51193        |          |             |