

## Technical Data Sheet

### *Polyflam* 35S5301NTWHI



Polybutylene Terephthalate

#### Product Description

*Polyflam* 35S5301NTWHI is a Polybutylene Terephthalate Glass Fiber, 30% filled material.

|                      |                  |
|----------------------|------------------|
| Forms                | Pellets          |
| Additive             | Flame Retardant  |
| Filler/Reinforcement | Glass Fiber, 30% |

| Typical Properties               | Nominal Value | Units    | Test Method |
|----------------------------------|---------------|----------|-------------|
| <b>Physical</b>                  |               |          |             |
| Melt Flow Rate, (250 °C/2.16 kg) | 12            | g/10 min | ASTM D1238  |
| <b>Mechanical</b>                |               |          |             |
| Tensile Strength at Yield        | 115           | MPa      | ASTM D638   |
| Flexural Modulus                 | 6070          | MPa      | ASTM D790   |
| <b>Impact</b>                    |               |          |             |
| Notched Izod Impact              | 53            | J/m      | ASTM D256   |
| <b>Thermal</b>                   |               |          |             |
| RTI Elec                         | 75            | °C       | UL 746B     |
| RTI Imp                          | 75            | °C       | UL 746B     |
| RTI Str                          | 75            | °C       | UL 746B     |
| <b>UL Information</b>            |               |          |             |
| Flame Rating                     |               |          |             |
| (1.5 mm)                         | V-0           |          | UL 94       |
| (2.5 mm)                         | 5VA           |          | UL 94       |