

## Technical Data Sheet

### *Polyflam* 35S5151NCBLK



Polybutylene Terephthalate

#### Product Description

*Polyflam* 35S5151NCBLK is a Polybutylene Terephthalate Glass Fiber, 15% filled material.

<b>Forms</b>	Pellets
<b>Additive</b>	Flame Retardant
<b>Filler/Reinforcement</b>	Glass Fiber, 15%

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Density - Specific Gravity	1.5	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
Tensile Strength at Yield	89.6	MPa	ASTM D638
Flexural Modulus	4830	MPa	ASTM D790
<b>Impact</b>			
Notched Izod Impact	43	J/m	ASTM D256
<b>Thermal</b>			
Deflection Temperature Under Load Unannealed (264 psi)	182	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	204	°C	ASTM D648
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