

**Technical Data Sheet**

***Polyflam* 30S5150NCBLK**



Polybutylene Terephthalate

**Product Description**

*Polyflam* 30S5150NCBLK is a Polybutylene Terephthalate Glass Fiber, 15% filled material.

**Forms** Pellets  
**Filler/Reinforcement** Glass Fiber, 15%

<b>Typical Properties</b>	<b>Nominal Value</b>	<b>Units</b>	<b>Test Method</b>
<b>Physical</b>			
Density - Specific Gravity	1.4	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
Tensile Strength at Yield	96.5	MPa	ASTM D638
Flexural Modulus, (Tangent)	4690	MPa	ASTM D790
<b>Impact</b>			
Notched Izod Impact	48	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 Str	76.7	°C	UL 746B
<b>UL Information</b>			
Flame Rating, (1.5 mm)	HB		UL 94