

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%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density - Specific Gravity	1.4	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield	96.5	MPa	ASTM D638
Flexural Modulus, (Tangent)	4690	MPa	ASTM D790
Impact			
Notched Izod Impact	48	J/m	ASTM D256
Thermal			
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
UL Information			
Flame Rating, (1.5 mm)	HB		UL 94