

Technical Data Sheet

Polyflam 30S6301UC BK

Polybutylene Terephthalate

Product Description

Polyflam 30S6301UC BK is a Polybutylene Terephthalate Glass Fiber, 30% filled material.

Forms Pellets
Filler/Reinforcement Glass Fiber, 30%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density - Specific Gravity	1.53	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield	124	MPa	ASTM D638
Flexural Modulus, (Tangent)	7580	MPa	ASTM D790
Impact			
Notched Izod Impact	85	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	202	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	213	°C	ASTM D648
UL Information			
Flame Rating, (1.5 mm)	HB		UL 94