

Technical Data Sheet

Polyflam 34S6201NCBLK

Polybutylene Terephthalate

Product Description

Polyflam 34S6201NCBLK is a Polybutylene Terephthalate Glass Fiber, 20% filled material.

Additive	Flame Retardant
Filler/Reinforcement	Glass Fiber, 20%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density - Specific Gravity	1.45	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield, (23 °C, 3.18 mm)	96.5	MPa	ASTM D638
Flexural Modulus, (23 °C, 3.18 mm, Tangent)	5690	MPa	ASTM D790
Impact			
Notched Izod Impact, (23 °C, 3.18 mm)	48	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi), (3.18 mm)	195	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi), (3.18 mm)	207	°C	ASTM D648
UL Information			
Flame Rating			
(1.5 mm)	V-0		UL 94
(3.0 mm)	V-0		UL 94