

Technical Data Sheet

Polyflam 35S5151NC SF



Polybutylene Terephthalate

Product Description

Polyflam 35S5151NC SF is a Polybutylene Terephthalate Glass Fiber, 15% filled material.

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

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density - Specific Gravity	1.5	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield	89.6	MPa	ASTM D638
Flexural Modulus	4830	MPa	ASTM D790
Impact			
Notched Izod Impact	43	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 Elec	75	°C	UL 746B
RTI Imp	75	°C	UL 746B
RTI Str	75	°C	UL 746B
UL Information			
Flame Rating			
(1.5 mm)	V-0		UL 94
(2.5 mm)	5VA		UL 94