

Technical Data Sheet

Polyflam 75S5251NCBLK

Polyamide 66

Product Description

Polyflam 75S5251NCBLK is a Polyamide 66 Glass Fiber, 25% filled material.

Forms	Pellets
Additive	Flame Retardant
Filler/Reinforcement	Glass Fiber, 25%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density - Specific Gravity	1.55	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield	134	MPa	ASTM D638
Flexural Modulus, (Tangent)	8960	MPa	ASTM D790
Impact			
Notched Izod Impact	69	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	243	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	254	°C	ASTM D648
RTI Str	65.6	°C	UL 746B
UL Information			
Flame Rating			
(1.5 mm)	V-1		UL 94
(2.5 mm)	5VA		UL 94