

Technical Data Sheet

**Polyflam 75S5251NONAT**



Polyamide 66

**Product Description**

Polyflam 75S5251NONAT is a Polyamide 66 Glass Fiber, 25% filled material.

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

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Density - Specific Gravity	1.55	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
Tensile Strength at Yield	134	MPa	ASTM D638
Flexural Modulus, (Tangent)	8960	MPa	ASTM D790
<b>Impact</b>			
Notched Izod Impact	69	J/m	ASTM D256
<b>Thermal</b>			
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
<b>UL Information</b>			
Flame Rating			
(1.5 mm)	V-1		UL 94
(2.5 mm)	5VA		UL 94