



Polyflam 75S5251NONAT

LyondellBasell Industries - Polyamide 66

General Information

Product Description

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

General

Filler / Reinforcement	• Glass Fiber, 25% Filler by Weight
Additive	• Flame Retardant
Features	• Flame Retardant
Forms	• Pellets

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.55		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	19400	psi	ASTM D638
Flexural Modulus - Tangent	1.30E+6	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	1.3	ft·lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	489	°F	ASTM D648
Deflection Temperature Under Load 264 psi, Unannealed	469	°F	ASTM D648
RTI Str	150	°F	UL 746B
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
0.06 in		V-1	
0.10 in		5VA	