



Polyflam 35S5301NC SF

LyondellBasell Industries - Polybutylene Terephthalate

General Information

Product Description

Polyflam 35S5301NC SF is a Polybutylene Terephthalate Glass Fiber, 30% filled material.

General

Filler / Reinforcement	• Glass Fiber, 30% Filler by Weight
Additive	• Flame Retardant
Features	• Flame Retardant
Forms	• Pellets

Properties ¹

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (250°C/2.16 kg)	12	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	16700	psi	ASTM D638
Flexural Modulus	880000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	0.99	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
RTI Elec	167	°F	UL 746B
RTI Imp	167	°F	UL 746B
RTI Str	167	°F	UL 746B
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
0.06 in		V-0	
0.10 in		5VA	