



Polyflam 35S5151NCBLK

LyondellBasell Industries - Polybutylene Terephthalate

General Information

Product Description

Polyflam 35S5151NCBLK is a Polybutylene Terephthalate Glass Fiber, 15% filled material.

General

Filler / Reinforcement	• Glass Fiber, 15% Filler by Weight
Additive	• Flame Retardant
Features	• Flame Retardant
Forms	• Pellets

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.50		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	13000	psi	ASTM D638
Flexural Modulus	701000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	0.81	ft·lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	399	°F	ASTM D648
Deflection Temperature Under Load 264 psi, Unannealed	360	°F	ASTM D648
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	