

Technical Data Sheet

Polyflam 35S5301NRRED



Polybutylene Terephthalate

Product Description

Polyflam 35S5301NRRED is a Polybutylene Terephthalate Glass Fiber, 30% filled material.

Regulatory Status

For regulatory compliance information, see 35S5301NRRED [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Limited Issue
Availability	North America
Forms	Pellets
Additive	Flame Retardant
Filler/Reinforcement	Glass Fiber, 30%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (250 °C/2.16 kg)	12	g/10 min	ASTM D1238
Mechanical			
Tensile Strength at Yield	115	MPa	ASTM D638
Flexural Modulus	6070	MPa	ASTM D790
Impact			
Notched Izod Impact	53	J/m	ASTM D256
Thermal			
RTI Elec	75	°C	UL 746B
RTI Imp	75	°C	UL 746B
RTI Str	75	°C	UL 746B
UL Information			
Flame Rating			
(1.5 mm)	V-0		UL 94
(2.5 mm)	5VA		UL 94

Notes

These are typical property values not to be construed as specification limits.

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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