

Technical Data Sheet

Polyflam 15S3302DG6018GRY



Polypropylene Copolymer

Product Description

15S3302 is a 30% Fiberglass Reinforced, Flame Retardant Polypropylene Copolymer

Regulatory Status

For regulatory compliance information, see 15S3302DG6018GRY [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	North America
Forms	Pellets
Appearance	Colors Available
Additive	Flame Retardant
Filler/Reinforcement	Glass Fiber, 30%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	4.0	g/10 min	ASTM D1238
Density - Specific Gravity	1.47	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield	79.3	MPa	ASTM D638
Flexural Modulus, (Tangent)	6890	MPa	ASTM D790
Impact			
Notched Izod Impact	110	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	146	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	157	°C	ASTM D648
RTI Str			
(1.5 mm)	110	°C	UL 746B
(3.0 mm)	120	°C	UL 746B
UL Information			
Flame Rating			
(1.5 mm)	V-0		UL 94
(3.0 mm)	5VA		UL 94
UL File Number	E51193		



Injection Parameters	Nominal Value	Units
Drying Time	2.0 to 4.0	hr
Drying Temperature	82	°C
Nozzle Temperature	177 to 227	°C
Screw Speed	20 to 60	rpm
Processing (Melt) Temp	177 to 227	°C
Front Temperature	177 to 227	°C
Middle Temperature	177 to 227	°C
Rear Temperature	177 to 204	°C
Injection Rate	Moderate	
Back Pressure	<0.689	MPa
Mold Temperature	32 to 66	°C
Cushion	6.35 to 12.7	mm

Notes

These are typical property values not to be construed as specification limits. The typical values for this product may have been tested on a natural grade.

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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