

Technical Data Sheet

Polyflam 36N5006NG6130GRY



Polybutylene Terephthalate Alloy

Product Description

Polyflam 36N5006NG6130GRY is a Polybutylene Terephthalate Alloy material.

Regulatory Status

For regulatory compliance information, see 36N5006NG6130GRY [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	North America
Forms	Pellets

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density - Specific Gravity	1.2	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield	48.3	MPa	ASTM D638
Flexural Modulus	1970	MPa	ASTM D790
Impact			
Gardner Impact	>36.2	J	ASTM D5420
Notched Izod Impact	800	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	79.4	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	107	°C	ASTM D648
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)	HB		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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