

# Polyflam 36N5006NG6130GRY

## LyondellBasell Industries - Polybutylene Terephthalate Alloy

### General Information

#### Product Description

Polyflam 36N5006NG6130GRY is a Polybutylene Terephthalate Alloy material.

#### General

Forms • Pellets

### Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.20		ASTM D792
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	7010	psi	ASTM D638
Flexural Modulus	286000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	15	ft-lb/in	ASTM D256
Gardner Impact	> 320	in-lb	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	225	°F	ASTM D648
Deflection Temperature Under Load 264 psi, Unannealed	175	°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 (0.06 in)	HB		UL 94