

# Polyflam 13A3211NG6174GRY

## LyondellBasell Industries - Polypropylene Copolymer

### General Information

#### Product Description

Polyflam 13A3211NG6174GRY is a Polypropylene Copolymer Talc, 20% filled material.

#### General

Filler / Reinforcement	• Talc, 20% Filler by Weight
Additive	• Flame Retardant
Features	• Flame Retardant
Forms	• Pellets

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

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.10		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	3900	psi	ASTM D638
Tensile Elongation (Yield)	10	%	ASTM D638
Flexural Modulus	300000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	1.3	ft-lb/in	ASTM D256
Gardner Impact	100	in-lb	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	219	°F	ASTM D648
Deflection Temperature Under Load 264 psi, Unannealed	135	°F	ASTM D648
RTI Elec	149	°F	UL 746B
RTI Imp	149	°F	UL 746B
RTI Str	149	°F	UL 746B
Flammability	Nominal Value	Unit	Test Method
Flame Rating			UL 94
0.06 in		V-2	
0.12 in		V-2	