

Polyflam RPP 1729 NAT 01

LyondellBasell Industries - Polypropylene

General Information

Product Description

RPP 1729 is an unfilled, flame retardant, and heat stabilized PP compound. It is well suited for injection molding applications.

General

Additive	• Flame Retardant	• Heat Stabilizer
Features	• Flame Retardant	• Heat Stabilized
Processing Method	• Injection Molding	

Properties ¹

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	1.03		ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	17	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ² (Yield, 73°F)	5190	psi	ASTM D638
Tensile Elongation ² (Yield, 73°F)	140	%	ASTM D638
Flexural Modulus ³ (73°F)	219000	psi	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (73°F)	0.64	ft-lb/in	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (66 psi, Unannealed)	203	°F	ASTM D648
Flammability	Nominal Value	Unit	Test Method
Flame Rating (0.031 in)	V-0		UL 94

Notes

¹ Typical properties: these are not to be construed as specifications.

² 2.0 in/min

³ 0.079 in/min