

# Polyflam RPP 1729X-NATURAL

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 <sup>1</sup>

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 <sup>2</sup> (Yield, 73°F)	5190	psi	ASTM D638
Tensile Elongation <sup>2</sup> (Yield, 73°F)	140	%	ASTM D638
Flexural Modulus <sup>3</sup> (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

<sup>1</sup> Typical properties: these are not to be construed as specifications.

<sup>2</sup> 2.0 in/min

<sup>3</sup> 0.079 in/min