

Technical Data Sheet

Polyflam RPP 371ND

Polypropylene
LyondellBasell Industries
Engineering Plastics

Product Description

PP Mineral Filled Flame Retardant Non-PBDE-Free

General

Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Mineral, 19% Filler by Weight
Features	• Flame Retardant

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.36	1.36 g/cm ³	ASTM D792

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength ¹ (Yield)	3050 psi	21.0 MPa	ASTM D638
Tensile Elongation ¹ (Break)	30 %	30 %	ASTM D638
Flexural Modulus ²	392000 psi	2700 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact	0.60 ft·lb/in	32 J/m	ASTM D256

Flammability	Nominal Value (English)	Nominal Value (SI)	Test Method
Flame Rating	V-0	V-0	UL 94

Additional Information	Nominal Value (English)	Nominal Value (SI)	Test Method
Filler Content	19 %	19 %	ASTM D5630

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Injection Notes

Mould surface contacting melt should
be of non-corrosive steel (content of chrome > 12%)

Notes

These are typical property values not to be construed as specification limits.