

Technical Data Sheet

**Polyflam RPP 371ND**

Polypropylene
LyondellBasell Industries
Engineering Plastics

Product Description

PP Mineral Filled Flame Retardant Non-PBDE-Free

General

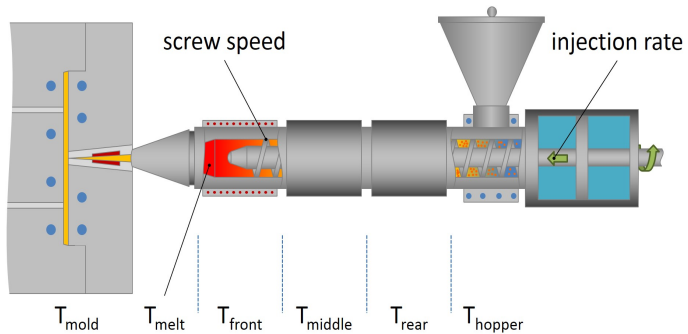
Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Mineral, 19% Filler by Weight
Features	• Flame Retardant

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%)

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Notes

¹ 2.0 in/min (50 mm/min)

² 0.051 in/min (1.3 mm/min)

Notes

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

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Product Storage and Handling

- Product should be stored in dry conditions at temperatures below 50°C and protected from UV-light
- Improper storage may bring damage to the packaging and can negatively affects on the quality of this product
- Keep material completely dry for good processing

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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