

Technical Data Sheet

**Polyflam RPP 374ND**

Polypropylene
LyondellBasell Industries
Engineering Plastics

Product Description

PP Mineral Filled Flame Retardant PBDE-Free

General

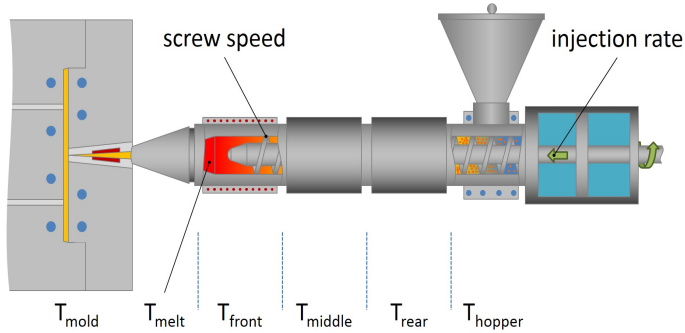
Material Status	• Commercial: Active
Availability	• North America
Filler / Reinforcement	• Mineral
Features	• Flame Retardant

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	1.50	1.50 g/cm ³	ASTM D792
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength ¹ (Yield)	3920 psi	27.0 MPa	ASTM D638
Flexural Modulus ²	479000 psi	3300 MPa	ASTM D790
Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
Deflection Temperature Under Load			ASTM D648
66 psi (0.45 MPa), Unannealed	239 °F	115 °C	
264 psi (1.8 MPa), Unannealed	151 °F	66.0 °C	
Flammability	Nominal Value (English)	Nominal Value (SI)	Test Method
Flame Rating	V-0	V-0	UL 94

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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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