

Technical Data Sheet

Polyflam 12N2002NONAT



Polypropylene, Unspecified (PP, Unspecified)

Product Description

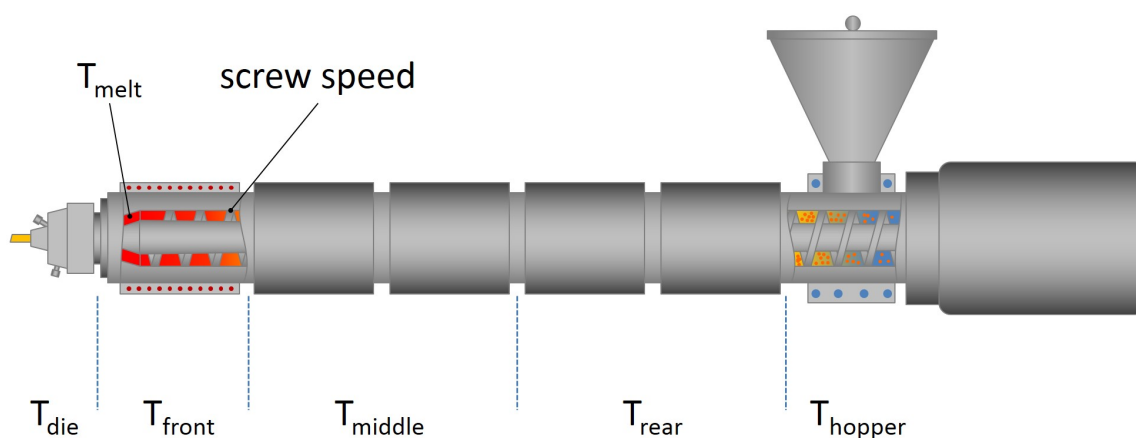
Polyflam 12N2002NONAT is a Polypropylene, Unspecified material.

Regulatory Status

For regulatory compliance information, see 12N2002NONAT [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	North America
Forms	Pellets
Additive	Flame Retardant

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	0.80	g/10 min	ASTM D1238
Density - Specific Gravity	0.938	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield	35.2	MPa	ASTM D638
Flexural Modulus, (Tangent)	1640	MPa	ASTM D790
Impact			
Notched Izod Impact	140	J/m	ASTM D256
UL Information			
Flame Rating, (1.5 mm)	V-2		UL 94



Extrusion Parameters	Nominal Value	Units
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Cylinder Zone 1 Temp.	177 to 216 °C
Drying Time	4 hr
Melt Temperature	177 to 227 °C
Cylinder Zone 5 Temp.	177 to 227 °C
Cylinder Zone 3 Temp.	177 to 227 °C
Drying Temperature	82 °C
Cylinder Zone 2 Temp.	177 to 216 °C
Cylinder Zone 4 Temp.	177 to 227 °C

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.

Company Information

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

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