

Technical Data Sheet

Polyflam 12N2002NONAT



Polypropylene, Unspecified (PP, Unspecified)

Product Description

Polyflam 12N2002NONAT is a Polypropylene, Unspecified material.

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
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