

Nylene® 132 V0 30

Polyamide 66
Custom Resins Group

Message:

Nylene® 132 V0 30 is a Polyamide 66 (Nylon 66) material. It is available in North America for extrusion or injection molding.
Important attributes of Nylene® 132 V0 30 are:
Flame Rated
Flame Retardant
Homopolymer

General Information	
Additive	Flame Retardant
Features	Flame Retardant
	Homopolymer
Forms	Pellets
Processing Method	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.16	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.3	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break, 23°C)	63.7	MPa	ASTM D638
Flexural Modulus (23°C)	3060	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	43	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	73.9	°C	ASTM D648
Melting Temperature	263	°C	
Flammability	Nominal Value		Test Method
Flame Rating (0.762 mm)	V-0		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	65.6 to 82.2	°C	
Drying Time	2.0 to 4.0	hr	
Drying Time, Maximum	4.0	hr	
Suggested Max Moisture	0.20	%	
Suggested Shot Size	25 to 75	%	
Suggested Max Regrind	25	%	
Rear Temperature	260 to 282	°C	
Middle Temperature	271 to 293	°C	

Front Temperature	282 to 304	°C
Nozzle Temperature	279 to 302	°C
Processing (Melt) Temp	282 to 304	°C
Mold Temperature	48.9 to 93.3	°C
Injection Pressure	27.6 to 82.7	MPa
Injection Rate	Fast	
Holding Pressure	20.7 to 62.1	MPa
Back Pressure	0.00 to 0.345	MPa

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Recommended distributors for this material

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