

Nylene® 132-250 HS

Polyamide 66

Custom Resins Group

Message:

Nylene® 132-250 HS is a Polyamide 66 (Nylon 66) material. It is available in North America for extrusion.

Important attributes of Nylene® 132-250 HS are:

Heat Resistant

Heat Stabilizer

High Viscosity

Homopolymer

General Information			
Additive	Heat Stabilizer		
Features	Good Thermal Stability		
	Heat Stabilized		
	High Heat Resistance		
	High Viscosity		
	Homopolymer		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.13	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.3	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break, 23°C)	82.7	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	50	%	ASTM D638
Flexural Modulus (23°C)	2860	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	85	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	90.0	°C	ASTM D648
Melting Temperature	254	°C	
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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