

Nylene® 134 HS

Polyamide 66
Custom Resins Group

Message:

Nylene® 134 HS is a Polyamide 66 (Nylon 66) material. It is available in North America for extrusion or injection molding. Important attributes of Nylene® 134 HS are:

- Heat Resistant
- Fast Molding Cycle
- Heat Stabilizer
- Homopolymer
- Low Viscosity

General Information			
Additive	Heat Stabilizer		
	Nucleating Agent		
Features	Fast Molding Cycle		
	Good Thermal Stability		
	Heat Stabilized		
	High Heat Resistance		
	Homopolymer		
	Low Viscosity		
	Nucleated		
Forms	Pellets		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.14	g/cm ³	ASTM D792
Molding Shrinkage - Flow	1.3	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break, 23°C)	89.6	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	30	%	ASTM D638
Flexural Modulus (23°C)	3250	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			ASTM D648
0.45 MPa, Unannealed	235	°C	
1.8 MPa, Unannealed	85.0	°C	
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

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

