

Nylene® 134 HSL

Polyamide 66
Custom Resins Group

Message:

Unreinforced nucleated heat-stabilized nylon 6/6 molding resin
Has the high heat and chemical resistance characteristic of nylon 6/6 materials, combined with nucleation for faster part set-up
Suitable for a variety of applications, such as clips, fasteners, levers, bushings, and other uses where heat, chemical, and wear resistance are required

General Information	
Additive	Heat Stabilizer Nucleating Agent
Features	Good Chemical Resistance Good Wear Resistance Heat Stabilized Nucleated
Uses	Bushings Fasteners

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.14	g/cm³	ASTM D792
Molding Shrinkage - Flow	1.3	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (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	
Peak Melting Temperature	254	°C	ASTM D3418

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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

