

Nylene® 7115 HS

Polyamide 6

Custom Resins Group

Message:

40% glass fiber and mineral reinforced, heat stabilized nylon 6 injection molding resin
High strength and stiffness, very good dimensional stability, and has excellent surface appearance
Suitable for a wide variety of applications that require both high strength performance and good appearance

General Information			
Filler / Reinforcement	Glass\Mineral,40% Filler by Weight		
Additive	Heat Stabilizer		
Features	Good Dimensional Stability		
	Heat Stabilized		
	High Stiffness		
	High Strength		
	Pleasing Surface Appearance		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.45	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.40	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (23°C)	108	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	8.0	%	ASTM D638
Flexural Modulus (23°C)	6690	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	45	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	175	°C	ASTM D648
Peak Melting Temperature	222	°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

