

Nylene® 4114-G13 HS

Polyamide 66
Custom Resins Group

Message:

Nylene® 4114-G13 HS is a Polyamide 66 (Nylon 66) material filled with 13% glass fiber. It is available in North America for extrusion or injection molding. Important attributes of Nylene® 4114-G13 HS are:

- Good Stiffness
- Heat Stabilizer
- High Strength
- Impact Modified
- Impact Resistant

General Information			
Filler / Reinforcement	Glass Fiber,13% Filler by Weight		
Additive	Heat Stabilizer		
	Impact Modifier		
Features	Good Stiffness		
	Heat Stabilized		
	High Impact Resistance		
	High Strength		
	Impact Modified		
Forms	Pellets		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.18	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.60	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break, 23°C)	79.3	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	5.0	%	ASTM D638
Flexural Modulus (23°C)	3340	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	160	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	207	°C	ASTM D648
Melting Temperature	259	°C	

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Recommended distributors for this material

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