

Nylene® 311-G33 HS

Polyamide 66

Custom Resins Group

Message:

Nylene® 311-G33 HS is a Polyamide 66 (Nylon 66) material filled with 33% glass fiber. It is available in North America for extrusion or injection molding. Important attributes of Nylene® 311-G33 HS are:

Good Stiffness
Heat Stabilizer
High Strength
Impact Modified
Impact Resistant

General Information			
Filler / Reinforcement	Glass Fiber,33% Filler by Weight		
Additive	Heat Stabilizer		
	Impact Modifier		
Features	Good Impact Resistance		
	Good Stiffness		
	Heat Stabilized		
	High Strength		
	Impact Modified		
Forms	Pellets		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.30	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break, 23°C)	148	MPa	ASTM D638
Tensile Elongation (Break, 23°C)	3.0	%	ASTM D638
Flexural Modulus (23°C)	6890	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	130	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	246	°C	ASTM D648
Melting Temperature	252	°C	

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Recommended distributors for this material

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