

Cheng Yu N6G3 HI

Polyamide 6

Cheng Yu Plastic Company Limited

Message:

Cheng Yu N6G3 HI is a Polyamide 6 (Nylon 6) product filled with 30% glass fiber. It is available in Asia Pacific.

Characteristics include:

Flame Rated

Impact Resistant

General Information			
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Features	High Impact Resistance		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.33	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	0.40 to 0.60	%	
Across Flow	1.0 to 1.2	%	
Water Absorption (Saturation)	1.2 to 2.0	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	94		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	135	MPa	ASTM D638
Flexural Strength	200	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C)	220	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	220	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (1.50 mm)	HB		UL 94

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Recommended distributors for this material

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