

Cheng Yu N6G15

Polyamide 6
Cheng Yu Plastic Company Limited

Message:
Cheng Yu N6G15 is a Polyamide 6 (Nylon 6) product filled with 15% glass fiber. It is available in Asia Pacific. Primary characteristic: flame rated.

General Information			
Filler / Reinforcement	Glass Fiber,15% Filler by Weight		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.23	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	0.60 to 0.80	%	
Across Flow	1.2 to 1.4	%	
Water Absorption (24 hr)	1.0 to 2.5	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	100		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	168	MPa	ASTM D638
Flexural Strength	255	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	86	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	226	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	4.0	hr	
Processing (Melt) Temp	240 to 280	°C	
Mold Temperature	60.0 to 90.0	°C	

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Recommended distributors for this material

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