

Cheng Yu NG1500S

Polyamide 66

Cheng Yu Plastic Company Limited

Message:

Cheng Yu NG1500S is a Polyamide 66 (Nylon 66) product filled with 50% glass fiber. It is available in Asia Pacific. Primary characteristic: flame rated.

General Information			
Filler / Reinforcement	Glass Fiber,50% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.55	g/cm ³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	0.20 to 0.30	%	
Across Flow	0.70 to 1.0	%	
Water Absorption (Saturation)	1.0 to 2.0	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	97		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	240	MPa	ASTM D638
Tensile Elongation (Break)	240	%	ASTM D638
Flexural Strength	265	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C)	100	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	255	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+17	ohms	ASTM D257
Dielectric Constant (60 Hz)	3.50		ASTM D150
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.50 mm)	HB		UL 94

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Recommended distributors for this material

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