

# Cheng Yu N6C1

Polyamide 6

Cheng Yu Plastic Company Limited

## Message:

Cheng Yu N6C1 is a Polyamide 6 (Nylon 6) product filled with 10% mineral. It is available in Asia Pacific.

Characteristics include:

Flame Rated

High Stiffness

General Information			
Filler / Reinforcement	Mineral,10% Filler by Weight		
Features	High Stiffness		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.22	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	1.2 to 1.4	%	ASTM D955
Water Absorption (Saturation)	1.0 to 2.0	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	90		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	70.0	MPa	ASTM D638
Flexural Strength	120	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C)	44	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	216	°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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