

# Chiao Fu PA6 MC212G45 NAT

Polyamide 6

Chiao Fu Enterprises Co., Ltd.

## Message:

Chiao Fu PA6 MC212G45 NAT is a Polyamide 6 (Nylon 6) product filled with 45% glass fiber. It is available in Asia Pacific, Europe, or North America.

Characteristics include:

Flame Rated

RoHS Compliant

General Information			
UL YellowCard	E135541-222596		
Filler / Reinforcement	Glass Fiber,45% Filler by Weight		
RoHS Compliance	RoHS Compliant		
UL File Number	E135541		
Appearance	Natural Color		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.45	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (235°C/2.16 kg)	15	g/10 min	ASTM D1238
Molding Shrinkage - Flow	< 0.20	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	167	MPa	ASTM D638
Tensile Elongation (Break)	< 5.0	%	ASTM D638
Flexural Modulus	8830	MPa	ASTM D790
Flexural Strength	265	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	160	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	210	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (0.750 mm, ALL)	HB		UL 94

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## Recommended distributors for this material

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