

# Cheng Yu HG325

Polypropylene

Cheng Yu Plastic Company Limited

## Message:

Cheng Yu HG325 is a Polypropylene product filled with 25% mineral. It is available in Asia Pacific. Primary characteristic: flame rated.

General Information			
Filler / Reinforcement	Mineral,25% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.12	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR)	15 to 20	g/10 min	ASTM D1238
Molding Shrinkage - Flow	1.3 to 1.6	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	100		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	28.0	MPa	ASTM D638
Flexural Strength	50.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C)	47	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	120	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+15	ohms	ASTM D257
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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