

# Cheng Yu T889G25

Polybutylene Terephthalate  
Cheng Yu Plastic Company Limited

Message:

Cheng Yu T889G25 is a polybutene terephthalate (PBT) product, which contains a 25% glass fiber reinforced material. It is available in the Asia-Pacific region. The main characteristics are: flame retardant/rated flame.

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 25% filler by weight		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.36	g/cm³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	0.60 - 0.90	%	ASTM D955
Transverse flow	1.3 - 1.7	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	94		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Flexural Strength	185	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C)	110	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	227	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+15	ohms	ASTM D257
Dielectric Constant (60 Hz)	3.60		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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