

# Cheng Yu T888G1

Polybutylene Terephthalate  
Cheng Yu Plastic Company Limited

Message:  
Cheng Yu T888G1 is a Polybutylene Terephthalate (PBT) product filled with 10% glass fiber. It is available in Asia Pacific. Primary characteristic: flame rated.

General Information			
UL YellowCard	E159271-224207		
Filler / Reinforcement	Glass Fiber,10% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage			ASTM D955
Flow	0.80 to 1.1	%	
Across Flow	1.5 to 1.8	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	94		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Flexural Strength	130	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C)	59	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	223	°C	ASTM D648
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+15	ohms	ASTM D257
Dielectric Constant (60 Hz)	3.30		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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