

Cheng Yu A705G3

Acrylonitrile Butadiene Styrene
Cheng Yu Plastic Company Limited

Message:

Cheng Yu A705G3 is an Acrylonitrile Butadiene Styrene (ABS) product filled with 30% glass fiber. It is available in Asia Pacific. Primary characteristic: flame rated.

General Information			
UL YellowCard	E159271-224187		
Filler / Reinforcement	Glass Fiber,30% Filler by Weight		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.28	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.10 to 0.20	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	105		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	84.0	MPa	ASTM D638
Flexural Strength	145	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C)	120	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	110	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (1.50 mm)	HB		UL 94

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