

Cheng Yu ST-66

Polyamide 66

Cheng Yu Plastic Company Limited

Message:

Cheng Yu ST-66 is a Polyamide 66 (Nylon 66) product. It is available in Asia Pacific.

Characteristics include:

- Flame Rated
- Good Toughness
- Impact Modified

General Information			
Additive	Impact Modifier		
Features	Impact Modified		
	Ultra High Toughness		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.08	g/cm³	ASTM D792
Molding Shrinkage			ASTM D955
Flow	1.6 to 2.2	%	
Across Flow	1.6 to 2.2	%	
Water Absorption (Saturation)	2.0	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (M-Scale)	100		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	47.0	MPa	ASTM D638
Tensile Elongation (Break)	74	%	ASTM D638
Flexural Strength	70.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C)	1000	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	178	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (1.50 mm)	HB		UL 94

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Recommended distributors for this material

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