

# Cheng Yu ML3000

Polycarbonate

Cheng Yu Plastic Company Limited

Message:

Cheng Yu ML3000 is a polycarbonate (PC) product. It is available in the Asia-Pacific region. The main characteristics are: flame retardant/rated flame.

General Information			
UL YellowCard	E159271-100628478		
Features	General		
Uses	General		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR)	15 - 20	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.50 - 0.70	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	120		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	60.0	MPa	ASTM D638
Flexural Strength	90.0	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Unnotched Izod Impact (23°C)	780	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	135	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating (1.5 mm)	V-2		UL 94

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Recommended distributors for this material

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