

# Cheng Yu FR3410-NH

Polycarbonate  
Cheng Yu Plastic Company Limited

Message:

Cheng Yu FR3410-NH is a Polycarbonate (PC) product. It is available in Asia Pacific.

Characteristics include:

Flame Rated  
Flame Retardant

General Information			
Features	Flame Retardant		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.25	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	0.20 to 0.50	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	90		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	75.0	MPa	ASTM D638
Flexural Strength	110	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 12.7 mm)	150	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	140	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	V-0		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	100 to 120	°C	
Drying Time	3.0 to 4.0	hr	
Processing (Melt) Temp	280 to 330	°C	
Mold Temperature	70.0 to 100	°C	

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Recommended distributors for this material

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