

## Cheng Yu Plastic PP222 Flame Retardant Polypropylene, High Impact

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Flame Retardant

Material Notes:

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Cheng-Yu-Plastic-PP222-Flame-Retardant-Polypropylene-High-Impact.php](http://www.lookpolymers.com/polymer_Cheng-Yu-Plastic-PP222-Flame-Retardant-Polypropylene-High-Impact.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.910 g/cc	0.910 g/cc	ASTM D792
Linear Mold Shrinkage	0.012 - 0.050 cm/cm	0.012 - 0.050 in/in	ASTM D955
Melt Index of Compound	10 - 15 g/10 min	10 - 15 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	100	100	ASTM D785
Tensile Strength, Yield	29.4 MPa	4270 psi	ASTM D638
Flexural Yield Strength	61.8 MPa	8960 psi	ASTM D790
Izod Impact, Notched	0.471 J/cm	0.882 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	125 °C	257 °F	ASTM D648
Flammability, UL94	V-2	V-2	

## Contact Songhan Plastic Technology Co.,Ltd.

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