

Cheng Yu Plastic VH825 Flame Retardant ABS, Medium Impact

Category : Polymer , Thermoplastic , ABS Polymer , Acrylonitrile Butadiene Styrene (ABS), Impact Grade, Molded

Material Notes:

Order this product through the following link:

http://www.lookpolymers.com/polymer_Cheng-Yu-Plastic-VH825-Flame-Retardant-ABS-Medium-Impact.php

Physical Properties	Metric	English	Comments
Specific Gravity	1.17 g/cc	1.17 g/cc	ASTM D792
Linear Mold Shrinkage	0.0030 - 0.0050 cm/cm	0.0030 - 0.0050 in/in	ASTM D955
Melt Index of Compound	5.0 - 8.0 g/10 min	5.0 - 8.0 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	103	103	ASTM D785
Tensile Strength, Yield	39.2 MPa	5690 psi	ASTM D638
Flexural Yield Strength	88.3 MPa	12800 psi	ASTM D790
Izod Impact, Notched	1.27 J/cm	2.39 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	93.0 °C	199 °F	ASTM D648
Flammability, UL94	V-0	V-0	

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