

CPC - Vycom FLAMETEC™ CP5 Fire Retardant Polypropylene (FRPP)

Category : Polymer , Thermoplastic , Polypropylene (PP)

Material Notes:

Flametec™ CP5 was formulated to meet the SEMI S93 specification for fire safety in clean room applications. CP5 meets UL 94 V-0 fire classification and is extruded for gauge and dimensional consistency. CP5 has an excellent balance of physical properties, chemical resistance and fire safety. FEATURES AND BENEFITS Fire Retardant- Meets the SEMI S93 specification and UL 94 V-0. Chemical Resistance- Resistance to a broad range of chemical processes. Color- Bright White color for any clean room or laboratory equipment. Fabrication- Cuts and welds as easy as the standard grades of PP. Impact Strength- 5 times the impact of standard PP; less breakdowns in the field. Extruded Sheet- Offers the best consistency in gauge tolerance and color. Information provided by Compression Polymers Corp - Vycom

Order this product through the following link:

http://www.lookpolymers.com/polymer_CPC-Vycom-FLAMETEC-CP5-Fire-Retardant-Polypropylene-FRPP.php

Physical Properties	Metric	English	Comments
Density	0.990 g/cc	0.0358 lb/in³	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	65	65	10 sec.; ASTM D2240
Tensile Strength, Ultimate	24.1 MPa	3500 psi	ASTM D638
Flexural Modulus	0.931 GPa	135 ksi	ASTM D790
Izod Impact, Notched	NB	NB	ASTM D256

Thermal Properties	Metric	English	Comments
Flammability, UL94	V-0	V-0	ETL Labs

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