

Shuman SP980 Grey Polycarbonate

Category : Polymer , Thermoplastic , Polycarbonate (PC) , Polycarbonate, Unreinforced, Flame Retardant

Material Notes:

Good impact strength, easy processability, good surface gloss, good heat resistance, excellent weatherability, excellent color stability, self-extinguishing. Data provided by the manufacturer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Shuman-SP980-Grey-Polycarbonate.php

Physical Properties	Metric	English	Comments
Density	1.20 g/cc	0.0434 lb/in ³	ASTM D792
Melt Flow	15 - 25 g/10 min	15 - 25 g/10 min	ASTM D1238

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	70	70	ASTM D785
Tensile Strength, Yield	66.0 MPa	9570 psi	ASTM D638
Izod Impact, Notched	6.41 J/cm	12.0 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	128 Å°C	262 Å°F	ASTM D648
Vicat Softening Point	154 Å°C	309 Å°F	ASTM D1525
Flammability, UL94	V-2 @Thickness 1.57 mm	V-2 @Thickness 0.0618 in	

Processing Properties	Metric	English	Comments
Processing Temperature	266 - 287 Å°C	511 - 549 Å°F	

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