

Polycarbonate SP980 Grey

PC

Shuman Plastics, Inc.

Processing/Physical Characteristics	Value	Unit	Test Standard
ASTM Data			
Melt Flow Index, MFI	20	g/10min	ASTM D 1238
Mechanical properties			
ASTM Data			
Tensile Strength	65.5	MPa	ASTM D 638
Rockwell Hardness	M 70	-	ASTM D 785
Izod Impact notched, 1/8 in	641	J/m	ASTM D 256
Thermal properties			
ASTM Data			
UL 94 Flame rating	V-2	-	UL 94
Thickness tested	1.57	mm	-
DTUL @ 264 psi	128	°C	ASTM D 648
Vicat Temperature	154	°C	ASTM D 1525
Other properties			
Density	1200	kg/m ³	ASTM D 792

Characteristics

Delivery form

Pellets

Regional Availability

North America, Europe, Asia Pacific

Special Characteristics

High impact or impact modified, U.V. stabilized or stable to weather