

Polycarbonate Flame Retardant FR980V0 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	Value	Unit	Test Standard
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	Value	Unit	Test Standard
ASTM Data			
UL 94 Flame rating	V-0	-	UL 94
Thickness tested	1.57	mm	-
DTUL @ 264 psi	128	°C	ASTM D 648
Vicat Temperature	154	°C	ASTM D 1525
Other Standards^[S]			
Burning behav. 5V at thickness h	5VA	class	UL 94
Thickness tested	1.6	mm	-

S: These properties are reported by the producer according standards that are different to our defaults.

Other properties	Value	Unit	Test Standard
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