

Shuman 811 Black Polystyrene Medium Impact

Category : Polymer , Thermoplastic , Polystyrene (PS) , Polystyrene, Impact Modified

Material Notes:

Injection molding and extrusion grades, easy processability, good gloss, good surface appearance. Data provided by the manufacturer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Shuman-811-Black-Polystyrene-Medium-Impact.php

Physical Properties	Metric	English	Comments
Density	1.05 g/cc	0.0379 lb/in ³	ASTM D792
Melt Flow	4.0 - 6.9 g/10 min	4.0 - 6.9 g/10 min	ASTM D1238
	7.0 - 9.9 g/10 min	7.0 - 9.9 g/10 min	
	10 - 12.9 g/10 min	10 - 12.9 g/10 min	
	13 - 15.9 g/10 min	13 - 15.9 g/10 min	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	36.0 MPa	5220 psi	ASTM D638
Izod Impact, Notched	0.500 - 0.700 J/cm	0.937 - 1.31 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	88.0 Â°C	190 Â°F	ASTM D648
Vicat Softening Point	99.0 Â°C	210 Â°F	ASTM D1525

Processing Properties	Metric	English	Comments
Processing Temperature	204 - 227 Â°C	399 - 441 Â°F	

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