

Shuman 510 Black Polypropylene Homopolymer

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Molded

Material Notes:

Excellent chemical resistance, excellent processability Data provided by the manufacturer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Shuman-510-Black-Polypropylene-Homopolymer.php

Physical Properties	Metric	English	Comments
Density	0.900 g/cc	0.0325 lb/in ³	ASTM D792
Melt Flow	5.0 - 8.9 g/10 min	5.0 - 8.9 g/10 min	ASTM D1238
	9.0 - 12.9 g/10 min	9.0 - 12.9 g/10 min	
	13 - 16.9 g/10 min	13 - 16.9 g/10 min	
	17.0 - 22.0 g/10 min	17.0 - 22.0 g/10 min	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	31.0 MPa	4500 psi	ASTM D638
Izod Impact, Notched	0.300 - 0.600 J/cm	0.562 - 1.12 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	50.0 Â°C	122 Â°F	ASTM D648
Vicat Softening Point	148 Â°C	298 Â°F	ASTM D1525

Processing Properties	Metric	English	Comments
Processing Temperature	188 - 216 Â°C	370 - 421 Â°F	

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