

Shuman 502C Black Polypropylene Copolymer

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

Material Notes:

Excellent impact strength, excellent chemical resistance, excellent processability, good wear and abrasion resistance, good resistance to fatigue from flexing. Data provided by the manufacturer.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Shuman-502C-Black-Polypropylene-Copolymer.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	28.0 MPa	4060 psi	ASTM D638
Izod Impact, Notched	1.07 J/cm	2.00 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	47.0 Â°C	117 Â°F	ASTM D648
Vicat Softening Point	149 Â°C	300 Â°F	ASTM D1525

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

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