

Shuman PP 502

Polypropylene Copolymer

Shuman Plastics, Inc.

Message:

POLYPROPYLENE COPOLYMER 502 BLACK
OFFERS THIS COMBINATION OF PROPERTIES:
GOOD IMPACT STRENGTH, EXCELLENT CHEMICAL RESISTANCE, EXCELLENT PROCESSABILITY, GOOD RESISTANCE TO FATIGUE FROM FLEXING

General Information			
Features	Copolymer		
	Fatigue Resistant		
	Good Chemical Resistance		
	Good Impact Resistance		
	Good Processability		
Appearance	Black		
Forms	Pellets		
Processing Method	Extrusion		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.898	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	5.0 to 22	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	28.0	MPa	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	85	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	47.2	°C	ASTM D648
Vicat Softening Temperature	149	°C	ASTM D1525
Injection	Nominal Value	Unit	
Processing (Melt) Temp	188 to 216	°C	
Extrusion	Nominal Value	Unit	
Melt Temperature	188 to 216	°C	

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