

Shuman PP 510

Polypropylene Homopolymer

Shuman Plastics, Inc.

Message:

POLYPROPYLENE HOMOPOLYMER 510 BLACK
OFFERS THIS COMBINATION OF PROPERTIES:
EXCELLENT CHEMICAL RESISTANCE, EXCELLENT PROCESSABILITY

General Information	
Features	Good Chemical Resistance
	Good Processability
	Homopolymer
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	30.8	MPa	ASTM D638
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	32 to 64	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	50.0	°C	ASTM D648
Vicat Softening Temperature	148	°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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Recommended distributors for this material

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