

ASI POLYPROPYLENE 3353-01

Polypropylene Impact Copolymer

A. Schulman Inc.

Message:

PP 3353 is a medium impact LTHA grade polypropylene which is suitable for molding thin parts with long mold flow distances. It permits reduction of cycle times, temperatures and pressures and minimizes molded in stresses. Also available in color blends.

General Information			
Features	Impact Copolymer		
	Medium Impact Resistance		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	24.5	MPa	ASTM D638
Tensile Elongation (Yield)	7.0	%	ASTM D638
Flexural Modulus - Tangent ²	1240	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	160	J/m	ASTM D256
Gardner Impact (23°C)	27.2	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	85.0	°C	ASTM D648
NOTE			
1.	50 mm/min		
2.	5.0 mm/min		

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