

ASI POLYPROPYLENE 1467-01

Polypropylene Impact Copolymer

A. Schulman Inc.

Message:

PP 1467 is a natural high flow, medium impact polypropylene that is suitable for molding thin parts with long mold flow distances. It permits the reduction of injection temperatures and pressures and minimizes stress in molding. This material meets FDA Regulation 21 CFR 177.1520, for all food contact applications.

General Information	
Features	Food Contact Acceptable
	High Flow
	Impact Copolymer
	Medium Impact Resistance
Uses	Thin-walled Parts
Agency Ratings	FDA 21 CFR 177.1520
Appearance	Natural Color
Forms	Pellets
Processing Method	Compounding
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.902	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	17 to 23	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	21.0	MPa	ASTM D638
Tensile Elongation (Yield)	10	%	ASTM D638
Flexural Modulus - Tangent	1000 to 1140	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	110	J/m	ASTM D256
Unnotched Izod Impact	1100	J/m	ASTM D256
Gardner Impact	13.6	J	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	90.0	°C	
1.8 MPa, Unannealed	50.0	°C	
Optical	Nominal Value	Unit	Test Method
Yellowness Index	-5.5 to -3.5	YI	ASTM D1925

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Recommended distributors for this material

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