

# ASI POLYPROPYLENE 1667-01

Polypropylene Homopolymer

A. Schulman Inc.

## Message:

PP 1667-01 is an easy flowing natural homopolymer polypropylene. It is for injection molding large parts with thin sections requiring good stiffness, heat resistance, and chemical resistance. This product is compliance with the FDA requirements of 21 CFR 177.1520.

General Information	
Features	Food Contact Acceptable
	Good Chemical Resistance
	Good Flow
	Good Stiffness
	High Heat Resistance
	Homopolymer
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	0.900	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	25	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	32.4	MPa	ASTM D638
Tensile Elongation (Yield)	10	%	ASTM D638
Flexural Modulus	1500	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	27	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	102	°C	
1.8 MPa, Unannealed	60.0	°C	
NOTE			
1.	51 mm/min		

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Recommended distributors for this material

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