

# ASI POLYPROPYLENE 1102-01

Polypropylene

A. Schulman Inc.

## Message:

PP 1102-01 is a general purpose, molding grade with UL 94HB approval for use in large and thin wall applications. This resin meets FDA regulation 21 CFR 177.1520 for all food contact applications.

General Information	
UL YellowCard	E51193-242200
Features	Food Contact Acceptable
	General Purpose
Agency Ratings	FDA 21 CFR 177.1520
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)	12	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	95		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	31.7	MPa	ASTM D638
Tensile Elongation (Break)	8.0	%	ASTM D638
Flexural Modulus	1310	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	62.0	°C	
Melting Temperature	160	°C	
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94

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Recommended distributors for this material

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