

# ASI POLYPROPYLENE 1449-01

Polypropylene Homopolymer

A. Schulman Inc.

## Message:

PP 1449-01 Natural is a homopolymer polypropylene designed for general-purpose injection molding applications where parts require excellent stiffness.

General Information	
Features	Food Contact Acceptable
	General Purpose
	Good Stiffness
	Homopolymer
Uses	General Purpose
Agency Ratings	FDA 21 CFR 177.1520
Appearance	Natural Color
Forms	Pellets
Processing Method	Extrusion
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.902	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	4.0	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 Elongation (Yield)	12	%	ASTM D638
Flexural Modulus	1410	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 (0.45 MPa, Unannealed)	116	°C	ASTM D648

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