

# ASI POLYPROPYLENE 3479-01

Polypropylene Random Copolymer

A. Schulman Inc.

Message:

PP 3479 is a random copolymer polypropylene produced utilizing unique catalyst and processing technology. It was designed for injection molding and stretch blow molding applications that require improved impact and clarity.

General Information	
UL YellowCard	E51193-641205
Features	Good Impact Resistance
	High Clarity
	Random Copolymer
Agency Ratings	FDA 21 CFR 177.1520
Forms	Pellets
Processing Method	Injection Molding
	Stretch Blow Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	35	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	85		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	31.0	MPa	ASTM D638
Tensile Elongation (Yield)	10	%	ASTM D638
Flexural Modulus	1310	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	53	J/m	ASTM D256
Gardner Impact (23°C)	9.04	J	ASTM D5420
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	87.0	°C	ASTM D648
Optical	Nominal Value	Unit	Test Method
Haze	11	%	ASTM D1003

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