

ASI POLYPROPYLENE 828-01

Polypropylene Impact Copolymer

A. Schulman Inc.

Message:

PP 828-01 Natural is a molding grade impact polypropylene. This material meets the FDA Regulation 177.1520 for fod contact applications.

General Information	
UL YellowCard	E51193-598574
Additive	Heat Stabilizer
Features	Food Contact Acceptable
	Good Heat Aging Resistance
	Heat Stabilized
	Impact Copolymer
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	0.898	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Break)	24.1	MPa	ASTM D638
Tensile Elongation ² (Break)	7.0	%	ASTM D638
Flexural Modulus	1100	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	130	J/m	ASTM D256
Gardner Impact (-30°C)	33.9	J	ASTM D3029
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	85.0	°C	ASTM D648

NOTE	
1.	51 mm/min
2.	51 mm/min

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