ASI POLYPROPYLENE 1407H-01

Polypropylene Impact Copolymer

A. Schulman Inc.

Message:

Polypropylene PP 1407H is a relatively medium flow, high-impact polypropylene for injection molded parts. This material meets FDA Regulation 177.1520 for food contact applications.

General Information	
Features	Food Contact Acceptable
	High Impact Resistance
	Impact Copolymer
	Medium Flow
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/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ASTM D1238
Hardness	**Nominal Value**	**Unit**	**Test Method**
Rockwell Hardness (R-Scale)	65		ASTM D785
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength [1] (Break)	22.1	MPa	ASTM D638
Tensile Elongation (Yield)	10	%	ASTM D638
Flexural Modulus	1000	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact (23°C)	No Break		ASTM D256
Unnotched Izod Impact (23°C)	No Break		ASTM D256
Gardner Impact (-29°C)	> 40.7	J	
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load (0.45 MPa, Unannealed)	80.0	°C	ASTM D648
NOTE			
1.	51 mm/min		

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China