ASI POLYPROPYLENE 1579

Polypropylene Impact Copolymer

A. Schulman Inc.

Message:

PP 1579 is an impact grade of polypropylene for use in parts which require good impact and good appearance in light weight injection molded parts. It meets requirements of Chrysler Corporation Specification MSDB 531F. It is available in current Chrysler Corporation colors in this extra high flow for thin parts or reduced mold cycles.

General Information			
Features	Fast Molding Cycle Good Impact Resistance High Flow Impact Copolymer Pleasing Surface Appearance		
Uses	Automotive Applications Thin-walled Parts		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Specific Gravity	0.898	g/cm³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	20	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 [1] (Yield)	22.8	MPa	ASTM D638
Tensile Elongation			ASTM D638
Yield	5.0	%	
Break	150	%	
Flexural Modulus [2]	1140	MPa	ASTM D790
Impact	**Nominal Value**	**Unit**	**Test Method**
Notched Izod Impact	110	J/m	ASTM D256
Unnotched Izod Impact (-29°C)	800	J/m	ASTM D256
Gardner Impact	28.2	J	
Thermal	**Nominal Value**	**Unit**	**Test Method**
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	85.0	°C	
1.8 MPa, Unannealed	50.0	°C	

Flammability	Nominal Value	Unit	Test Method
Burning Rate	51	mm/min	FMVSS 302
NOTE			
1.	51 mm/min		
2.	1.3 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

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