

ASI POLYPROPYLENE 1498-01

Polypropylene Impact Copolymer

A. Schulman Inc.

Message:

PP 1498-01 is a high flow medium impact copolymer polypropylene. It molds easily at low temperatures, pressures and mold cycle times. It meets the requirements of Ford Specification ESB-M4D500AB and is available in Ford Motor Company interior trim colors.

General Information			
Features	Good Processability		
	High Flow		
	Impact Copolymer		
	Medium Impact Resistance		
Uses	Automotive Applications		
	Automotive Interior Trim		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.908	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	16 to 24	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	70		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	21.4	MPa	ASTM D638
Tensile Elongation (Yield)	10	%	ASTM D638
Flexural Modulus	896	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	110	J/m	ASTM D256
Unnotched Izod Impact	No Break		ASTM D256
Gardner Impact (-29°C)	5.88	J	
Gardner Impact	21.0	J/m	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	83.9	°C	
1.8 MPa, Unannealed	52.2	°C	

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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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