

Technical Data Sheet

Polyfort POLYPROPYLENE PP 1498-01



Polypropylene, Impact Copolymer

Product Description

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.

Processing Method	Injection Molding
Attribute	Good Processability; High Flow; Impact Copolymer; Medium Impact Resistance
Forms	Pellets
Appearance	Colors Available
Application	Automotive Applications; Automotive Interior Trim

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	16 to 24	g/10 min	ASTM D1238
Density - Specific Gravity	0.908	g/cm ³	ASTM D792
Mechanical			
Tensile Elongation at Yield	10	%	ASTM D638
Tensile Strength at Yield	21.4	MPa	ASTM D638
Flexural Modulus	896	MPa	ASTM D790
Impact			
Gardner Impact	21	J/m	No Standard
(-29 °C)	5.88	J	ASTM D3029
Unnotched Izod Impact	No Break		ASTM D4812
Notched Izod Impact	110	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	70		ASTM D785
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	52.2	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	83.9	°C	ASTM D648