

ASI POLYPROPYLENE 3486-01

Polypropylene Homopolymer

A. Schulman Inc.

Message:

PP 3486-01 is a special homopolymer polypropylene designed with a long term heat aging formula for appliance applications.

General Information	
Features	Good Heat Aging Resistance Homopolymer
Uses	Appliances
Agency Ratings	FDA 21 CFR 177.1520 UL 94
Forms	Pellets
Processing Method	Compounding Extrusion 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)	5.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	90		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	36.5	MPa	ASTM D638
Tensile Elongation (Yield)	9.0	%	ASTM D638
Flexural Modulus	1450	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	27	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	100	°C	
1.8 MPa, Unannealed	55.0	°C	
Melting Temperature	160	°C	

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