

ASI POLYPROPYLENE 1621-01

Polypropylene Homopolymer

A. Schulman Inc.

Message:

PP 1621 is a low-flow homopolymer polypropylene primarily used for sheet strapping and profile extrusion applications.

General Information	
Features	Homopolymer
	Low Flow
Uses	Compounding
	Sheet
Forms	Pellets
Processing Method	Profile Extrusion
	Sheet Extrusion

Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.50	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	33.0	MPa	ASTM D638
Tensile Elongation ² (Yield)	12	%	ASTM D638
Flexural Modulus - 1% Secant ³	1380	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	33 to 60	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature ⁴ (0.45 MPa, Unannealed)	110	°C	ASTM D648

NOTE	
1.	50 mm/min
2.	51 mm/min
3.	1.3 mm/min
4.	455 KPA

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