

## A. Schulman PP 1621 Polypropylene Low Flow Homopolymer Polypropylene

Category : Polymer , Thermoplastic , Polypropylene (PP) , Polypropylene, Extrusion Grade

### Material Notes:

Description Polypropylene PP 1621 is a low flow homopolymer polypropylene primarily used for sheet strapping and profile extrusion applications. Application PP 1621 meets FDA Regulation 21 CFR 177.1520 and UL 94 HB rating. Information provided by A. Schulman.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_A-Schulman-PP-1621-Polypropylene-Low-Flow-Homopolymer-Polypropylene.php](http://www.lookpolymers.com/polymer_A-Schulman-PP-1621-Polypropylene-Low-Flow-Homopolymer-Polypropylene.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.900 g/cc	0.900 g/cc	ASTM D792
Melt Flow	0.70 g/10 min @Load 2.16 kg, Temperature 230 °C	0.70 g/10 min @Load 4.76 lb, Temperature 446 °F	Condition L; ASTM D1238

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	32.0 MPa	4640 psi	50 mm/min; ASTM D638
Elongation at Yield	8.0 %	8.0 %	ASTM D638
Flexural Modulus	1.24 GPa	180 ksi	5 mm/min, tangent; ASTM D790
Izod Impact, Notched	0.370 J/cm	0.693 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	112 °C	234 °F	ASTM D648

## Contact Songhan Plastic Technology Co.,Ltd.

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