

ASI POLYPROPYLENE 1901-01

Polypropylene Homopolymer

A. Schulman Inc.

Message:

PP 1901 is a high-flow homopolymer polypropylene designed for the highspeed molding of thin walled, multi-cavity parts. Typical applications are packaging articles and thin-walled containers. This resin meets FDA 21 CFR 177.1520, for all food content applications.

General Information	
Features	Fast Molding Cycle
	Food Contact Acceptable
	High Flow
	Homopolymer
Uses	Packaging
	Thin-walled Containers
	Thin-walled Parts
Agency Ratings	FDA 21 CFR 177.1520
Forms	Pellets
Processing Method	Compounding
	Injection Molding

Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	30	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	31.7	MPa	ASTM D638
Tensile Elongation ² (Yield)	8.0	%	ASTM D638
Flexural Modulus - 1% Secant ³	1310	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	21	J/m	ASTM D256

NOTE	
1.	51 mm/min
2.	51 mm/min
3.	13 mm/min

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

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

