

# ASI POLYPROPYLENE 2175

Polypropylene Copolymer

A. Schulman Inc.

Message:

PP 2175 is a high flow copolymer polypropylene suitable for parts which require a material with the following properties. It is compared below to Toyota TSM 5514G-2 A/B testing requirements.

General Information			
Features	Copolymer		
	High Flow		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.903	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	30	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	85		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	24.0	MPa	ASTM D638
Tensile Elongation (Break)	> 200	%	ASTM D638
Flexural Modulus	1140	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	75	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	108	°C	ASTM D648

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