

ASI POLYPROPYLENE 1349

Polypropylene Impact Copolymer

A. Schulman Inc.

Message:

PP 1349 is a medium impact copolymer polypropylene.

General Information			
Features	Impact Copolymer		
	Medium Impact Resistance		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.912	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	6.0 to 12	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	80		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	28.5	MPa	ASTM D638
Tensile Elongation ² (Break)	40	%	ASTM D638
Flexural Modulus	1130	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	130	J/m	ASTM D256
Unnotched Izod Impact	No Break		ASTM D256
Gardner Impact (-30°C)	8.00	J	
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	87.0	°C	ASTM D648
NOTE			
1.	50 mm/min		
2.	50 mm/min		

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