

ASI POLYPROPYLENE 1188-01

Polypropylene Impact Copolymer

A. Schulman Inc.

Message:

PP 1188-01 Natural is an extra high-impact polypropylene, copolymer type, with excellent low temperature properties.

General Information			
Features	Impact Copolymer		
	Low Temperature Resistant		
	Ultra High Impact Resistance		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	Compounding		
	Extrusion		

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.898	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0	g/10 min	ASTM D1238

Mechanical	Nominal Value	Unit	Test Method
Tensile Strength ¹ (Yield)	20.7	MPa	ASTM D638
Tensile Elongation (Break)	> 50	%	ASTM D638
Flexural Modulus ²	850	MPa	ASTM D790

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	530	J/m	ASTM D256
Gardner Impact (-30°C)	17.0	J	

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load			ASTM D648
0.45 MPa, Unannealed	80.0	°C	
1.8 MPa, Unannealed	50.0	°C	

NOTE	
1.	51 mm/min
2.	5.1 mm/min

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