

Jampilen SP179

Polypropylene Copolymer
Jam Polypropylene Company

Message:

Jampilen SP179, an injection molding polypropylene grade, features for high impact strength even at low temperatures, high melt flow rate and medium rigidity. This grade is available in natural pellet form, for use with masterbatches.

General Information			
Features	Copolymer		
	High Flow		
	High Impact Resistance		
	Low Temperature Impact Resistance		
	Medium Rigidity		
Uses	Battery Cases		
	Masterbatch		
Appearance	Natural Color		
Forms	Pellets		
Processing Method	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)	8.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	60		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	19.0	MPa	ASTM D638
Tensile Elongation (Break)	6.0	%	ASTM D638
Flexural Modulus	950	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact			ASTM D256
-20°C	110	J/m	
23°C	No Break		
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	75.0	°C	ASTM D648
Vicat Softening Temperature	135	°C	ASTM D1525 ¹
Accelerated Oven Ageing (150°C)	360	hr	ASTM D3012
NOTE			
1.	Loading 1 (10 N)		

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