

Jampilen H1022

Polypropylene Copolymer
Jam Polypropylene Company

Message:

Jampilen H1022 is a natural polypropylene block copolymer with high melt viscosity and excellent low-temperature impact strength. It contains basic stabilization additives.

General Information			
Additive	Unspecified Stabilizer		
Features	Block Copolymer		
	Good Stability		
	High Viscosity		
	Low Temperature Impact Resistance		
Uses	Profiles		
	Sheet		
Appearance	Natural Color		
Processing Method	Profile Extrusion		
	Sheet Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.901	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	0.30	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Shore Hardness (Shore D)	66		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1100	MPa	ISO 527-2/1
Tensile Stress (Yield)	25.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	10	%	ISO 527-2/50
Tensile Creep Modulus (1 hr)	1020	MPa	ISO 899-1
Flexural Creep Modulus (1000 hr)	500	MPa	ISO 6602
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/A
-30°C	3.0	kJ/m ²	
0°C	7.0	kJ/m ²	
23°C	35	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	75.0	°C	ISO 75-2/B

Vicat Softening Temperature	149	°C	ISO 306/A50
Melting Temperature (DSC)	165	°C	ISO 3146

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