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/cm³	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/m²	
0°C	7.0	kJ/m²	
23°C	35	kJ/m²	
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

Recommended distributors for this material

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