

Jampilen H2150

Polypropylene Homopolymer

Jam Polypropylene Company

Message:

Jampilen H2150 is a natural, nucleated polypropylene homopolymer with high melt viscosity for extrusion and compression molding applications. The product has a high heatand extraction stability and is not intended for medical and pharmaceutical applications.

General Information	
Additive	Antioxidant
	Nucleating Agent
Features	Antioxidant
	Extraction Resistant
	High Heat Resistance
	High Viscosity
	Homopolymer
	Low Flow
	Nucleated
Uses	Industrial Containers
	Profiles
	Sheet
Appearance	Natural Color
Processing Method	Compression Molding
	Profile Extrusion
	Sheet Extrusion

Physical	Nominal Value	Unit	Test Method
Density	0.900	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)	70		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1400	MPa	ISO 527-2/1
Tensile Stress (Yield)	31.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	9.0	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact Strength			ISO 180/A
-30°C	1.5	kJ/m ²	

0°C	2.5	kJ/m ²	
23°C	6.0	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	90.0	°C	ISO 75-2/B
Vicat Softening Temperature	150	°C	ISO 306/A50
Melting Temperature (DSC)	165	°C	ISO 3146

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