

Jampilen HP561R

Polypropylene Homopolymer

Jam Polypropylene Company

Message:

Jampilen HP561R is a very narrow molecular weight distribution homopolymer, suitable for extrusion applications. It is formulated with an anti-gasfading stabilisation package. Jampilen HP561R is designed for the production of continuous filaments. Typical applications are HTY and spunbond nonwoven.

General Information			
Features	Controlled Rheology		
	Gas-fading Resistant		
	Homopolymer		
	Narrow Molecular Weight Distribution		
Uses	Agricultural Applications		
	BCF Yarn		
	Disposable Fabrics		
	Filaments		
	Geo Membranes		
	Nonwovens		
	Spunbond Nonwovens		
	Yarn		
Processing Method		Filament 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)	25	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	33.0	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	11	%	
Break	> 50	%	
Flexural Modulus	1350	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	97.0	°C	ISO 75-2/B
Vicat Softening Temperature	153	°C	ISO 306/A50

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