

Jampilen HP462R

Polypropylene Homopolymer

Jam Polypropylene Company

Message:

Jampilen HP462R is a very narrow molecular weight distribution homopolymer, suitable for fiber extrusion applications. It is formulated with an anti-gasfading stabilization package. Jampilen HP462R is designed for 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
	Disposable Fabrics
	Fabrics
	Filaments
	Geo Membranes
	Spunbond Nonwovens
Processing Method	Yarn
	Fiber (Spinning) Extrusion
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)	34.0	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	10	%	
Break	> 50	%	
Flexural Modulus	1450	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	151	°C	ISO 306/A50

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