

Jampilen HP515M

Polypropylene Homopolymer

Jam Polypropylene Company

Message:

Jampilen HP515M is a polypropulene homopolymer developed for the high speed extrusion of transparent cast and blown films. It is formulated with slip and antiblocking agents. Jampilen HP515M is suitable for the extrusion of low thickness films and can be used for films from 15 up to 150 µm. In comparison with standard polypropylene types for film production, Jampilen HP515M allows for faster processing due to its peculiar structure and composition. Films made with Jampilen HP515M show a good behavior on winding rolls and in cutting section and feature very high transparency, high gloss and good printability after corona treatment.

General Information	
Additive	Antiblock Slip
Features	Antiblocking Excellent Printability Good Processability High Clarity High Gloss Homopolymer Slip
Uses	Bags Film Food Packaging Rope Stationary Supplies Thin-walled Packaging Twine
Processing Method	Blown Film Cast Film Film Extrusion

Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	9.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	95		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	32.0	MPa	ASTM D638

Tensile Elongation (Yield)	12	%	ASTM D638
Flexural Modulus	1300	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	40	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	92.0	°C	ASTM D648
Vicat Softening Temperature	150	°C	ASTM D1525 ¹
Accelerated Oven Ageing (150°C)	360	hr	ASTM D3012
Optical	Nominal Value	Unit	Test Method
Gloss	86		ASTM D2457
Haze	1.2	%	ASTM D1003
NOTE			

1. Loading 1 (10 N)

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