

Jampilen HP515M

Homopolymer



Description:

“Jampilen Hp515M” is a polypropylene 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.

Processing Method:

Cast Film
Blown Film

Features:

Excellent processability
High transparency and gloss
Antiblock properties
Homopolymer

Typical Applications:

Shopping bags
Packaging for snacks, bakery products, books, blankets, hosiery and shirts
Stationery folders
Twines and ropes

TYPICAL PROPERTIES	VALUE	UNIT	METHOD
Physical			
Melt Flow Rate (230 $^{\circ}\text{C}$, 2.16 kg)	9.5	g/10min	ASTM D1238
Density	0.9	g/cm ³	ASTM D1505
Mechanical			
Flexural Modulus	1300	MPa	ASTM D790
Tensile Strength at Yield	32	MPa	ASTM D638
Tensile Strength at Break	32	MPa	ASTM D638
Tensile Elongation at Yield	8	%	ASTM D638
Tensile Elongation at Break	180	%	ASTM D638
Izod Impact Strength (notched) at 23 $^{\circ}\text{C}$	> 25	J/m	ASTM D256
Thermal			
Vicat softening point (B 120 $^{\circ}\text{C}/\text{h}$, 10N)	152	$^{\circ}\text{C}$	ASTM D1525
H.D.T. (0.46 MPa)	85	$^{\circ}\text{C}$	ASTM D648
Accelerated oven ageing in air at 150 $^{\circ}\text{C}$	360	Hours	ASTM D3012
Optical			
Haze (1mm)	1.2	%	ASTM D1003
Gloss (45 $^{\circ}$)	86	...	ASTM D2457

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