



Jampilen RP316M

Random Copolymer

JAMPILen Polypropylene

Description:

"Jampilen RP316M" is a slightly modified random copolymer for the production of high transparent cast and water-quenched blown film and is formulated with a slip and antiblock package and exhibits excellent antistatic properties.

"Jampilen RP316M" is designed for quality packaging applications, either as monolayer film or as welding layer on coextruded structures. The product offers excellent processability, high clarity and gloss and good heat weldability. The seal initiation temperature is about 136°C. Due to its good heat weldability, "Jampilen RP316M" is well suited for lamination to bioriented polypropylene film or other materials to form the welding layer. Films produced with "Jampilen RP316M" is particularly suited for the packaging of foodstuff such as sweets, pasta, biscuits and snacks and for the packaging of books, stationery, blankets, shirts and hosiery.

"Jampilen RP316M" is suitable for food contract.

Processing Method:

Cast film
Water-quenched blown film

Features:

Excellent antistatic properties
Excellent processability
Unspecified antiblocking and slip
High clarity and gloss
Good heat weldability
Random copolymer

Typical Applications:

Lamination to BOPP film
Packaging of foodstuff such as sweets, pasta, biscuits and snacks
Packaging of books, stationery, blankets, shirts and hosiery

Approval:

Food

TYPICAL PROPERTIES	VALUE	UNIT	METHOD
Physical			
Melt Flow Rate (230 °C, 2.16kg)	8.0	g/10min	ASTM D1238
Density	0.9	g/cm ³	ASTM D1505
COF	0.20	----	ASTM D1894
Mechanical			
Flexural Modulus	1150	MPa	ASTM D790
Tensile Strength at Yield (MD)	20	MPa	ASTM D638
Tensile Elongation at Yield	12	%	ASTM D638
Izod Impact Strength (notched) at 23 °C	45	J/m	ASTM D256
Rockwell Hardness	94	R Scale	ASTM D785
Thermal			
Vicat softening point (10N)	139	°C	ASTM D1525
H.D.T. (0.46 Mpa)	83	°C	ASTM D648
Accelerated oven ageing in air at 150 °C	360	hours	ASTM D3012
Optical			
Haze (50 µm)	<1.5	%	ASTM D1003
Gloss (45 ⁰ , 50 µm)	88	----	ASTM D2457

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