



Jampilen RCXP599

Random Copolymer

JAMPILen Polypropylene

Description:

"Jampilen RCXP599" is a medium modified random copolymer for the production of cast and blown films with reduced blooming effect. "Jampilen RCXP599" is formulated with slip and antiblocking agents. "Jampilen RCXP599" offers easy processing on both cast and water-quenched blown film lines. The mechanical properties of films made with "Jampilen RCXP599" are outstanding and the optical characteristics are superior to films made with conventional random copolymers. The seal initiation temperature is about 130°C and the blooming effect is minimal. Due to the good heat weldability, "Jampilen 599" is suitable for monolayer films as well as sealing layers in coextruded films or laminated structures (e.g. with BOPP, PA, polyester or aluminum).

Processing Method:

Cast Film
Blown Film

Features:

Good mechanical properties
Good optical characteristics
Easy processing
Random copolymer

Typical Applications:

Monolayer films
Sealing layer in coextruded films or in laminated structures
Packaging of foodstuff and textiles
Stationery folders

Approval:

Food

TYPICAL PROPERTIES	VALUE	UNIT	METHOD
Physical			
Melt Flow Rate (230 °C, 2.16kg)	9	g/10min	ASTM D1238
Density	0.9	g/cm ³	ASTM D1505
Mechanical			
Flexural Modulus	1000	MPa	ASTM D790
Tensile Strength at Yield	28	MPa	ASTM D638
Tensile Elongation at Yield	13	%	ASTM D638
Izod Impact Strength (notched) at 23 °C	50	J/m	ASTM D256
Rockwell Hardness	92	R Scale	ASTM D785
Thermal			
Vicat softening point (10N)	135	°C	ASTM D1525
H.D.T. (0.46 Mpa)	82	°C	ASTM D648
Accelerated oven ageing in air at 150 °C	360	hours	ASTM D3012
Optical			
Haze	1.8	%	ASTM D1003
Gloss	85	----	ASTM D2457

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