Jampilen RCXP599

Polypropylene Random Copolymer

Jam Polypropylene Company

Message:

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).

General Information	
Additive	Antiblock Slip
Features	Antiblocking Good Processability Low Blooming Opticals Random Copolymer Slip Weldable
Uses	Bi-axially Oriented Film Cast Film Film Food Packaging Laminates Stationary Supplies Thin-walled Packaging
Processing Method	Bi-axially Oriented Film Blown Film Cast Film

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)	92		ASTM D785
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Strength (Yield)	28.0	MPa	ASTM D638

Tensile Elongation (Yield)	13	%	ASTM D638
Flexural Modulus	1000	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	50	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	82.0	°C	ASTM D648
Vicat Softening Temperature	135	°C	ASTM D1525 [1]
Accelerated Oven Ageing (150°C)	360	hr	ASTM D3012
Optical	Nominal Value	Unit	Test Method
Gloss	85		ASTM D2457
Haze	1.8	%	ASTM D1003
NOTE			
1.	Loading 1 (10 N)		

Recommended distributors for this material

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