

Jampilen RCXP598

Polypropylene Random Copolymer

Jam Polypropylene Company

Message:

Jampilen RCXP598 is a medium modified random copolymer for the production of cast and blown films with reduced blooming effect. Jampilen RCXP598 is formulated with a general purpose stabilization package and does not contain any slip- or antiblocking agents. Jampilen RCXP598 offers easy processability on both cast and water-quenched blown film lines. The mechanical properties of films made with Jampilen RCXP598 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 its good heat weldability, Jampilen RCXP598 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	Unspecified Stabilizer
Features	Good Processability
	Good Stability
	Low Blooming
	Opticals
	Random Copolymer
	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/cm ³	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	88		ASTM D2457
Haze	0.50	%	ASTM D1003
NOTE			
1.	Loading 1 (10 N)		

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