

598 RCXP

598 RCXP Is a medium modified random copolymer for the production of cast and blown film with a reduced blooming effect.

598 RCXP is formulated with a general purpose stabilisation package and does not contain any slip- or antiblocking agents. 598 RCXP offers easy processability on both cast and water-quenched blown film lines.

The mechanical properties of film made with 598 RCXP 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.

Because of the good heat wetdability , 598 RCXP is suitable for monolayer film as well as for sealing layer in coextruded films or laminated structures (e.g. with BOPP, PA. polyester or aluminium).

Films produced with 598 RCXP are particularly suited for the packaging of foodstuffs and textiles and for the production of stationery folders.

PROPERTIES		METHOD (b)	UNIT	TYPICAL VALUE (a)
Physical properties	Melt flow rate (230 °C, 2.16 kg)	ISO 1133	dg / min	9
	Density	ISO 1183	g/cm ³	0.9
Mechanical properties	Flexural modulus	ISO 178	N/mm ²	950
	Tensile strength yield	ISO R 527	N/mm ²	25
	Elongation at yield	ISO R 527	%	13
	Izod Impact Strength (notched) at 23°C	ISO 180	kJ/m ²	4
	Hardness Shore D	ISO 868	points	65
Thermal properties	Vicat softening point (9.8 N)	ISO 306/A	°C	135
	H.D.T. (0.46 Mpa)	ISO 75/B	°C	82
	Accelerated oven ageing in air (forced circulation) at 150 °C	ISO 4577	hours	360
Optical Properties	Haze	MTM 17031	%	0.5
	Gloss (45°C)	MTM 17021	%	88

a) Values shown are averages and are not to be considered as product specification These values may shift slightly as additional data are accumulated.

b) ISO test methods are the latest under the society's current procedures. All specimens are prepared by injection moulding.