X 30 S

X 30 S is a homopolymer particularly suited for the extrusion of cast and water quenched blown film. X 30 S is formulated with a general purpose stabilisation package and does not contain any slip or antiblocking agents.

X 30 S exhibits excellent pcocessability and outstanding optical properties. This makes X 30 S particularly suitable for film for packaging food-stuffs such as pasta, snacks, biscuits, bakery products and confectionery.

Other applications include film for packaging for flowers, books, stationery, blankets, shirts, knitwear and hosiery.

X 30 S is also very appropriate for the extrusion of small pipes and drinking straws.

X 30 S can be used for lamination with polyester, polyamide and aluminium for packaging of snacks, crisps, sweets, coffee, meat products and pre-cooked foods.

In these applications, X 30 S gives an excellent high gloss finish in laminates and exhibits good printability after Corona treatment.

X 30 S can also be coextruded with and VALTEC heterophasic copolymer grades to produce high gloss finishes on blow moulded pigmented bottles and coextruded sheet.

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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/cm³	0.9
Mechanical properties			
Flexural modulus	ISO 178	N/mm²	1500
Tensile strength yield	ISO R 527	N/mm²	34
Elongation at yield	ISO R 527	%	13
IZOD impact strenghh (notched) at 23°C	ISO 180	kJ/m²	4
Hardness Shore D	ISO 868	Points	71
Thermal properties			
Vicat softening point (9.8 N)	ISO 306/A	°C	155
H.D.T. (0.46 Mpa)	ISO 75/B	°C	115
Accelerated oven ageing in air (forced circulation) at 150°C	ISO 4577	hours	360
Optical Properties			
Haze	MTM 17031	%	1
Gloss (45°C)	MTM 17021	%	85

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

b) ISO test methods are the lates under the societys current procedures.

All specimens are prepared by injection moulding.