

## PP-Homo X 30 S Technical Datasheet

### 1) Product Description:

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 processability 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 heterophasic copolymer grades to produce high gloss finishes on blow moulded pigmented bottles and coextruded sheet.

### 2) Applications:

Heavy duty jumbo bags, Furniture, Caps, Closures, Toys

### 3) Typical data:

Property	Test method	Unit	value
Melt Flow rate (230 °C, 2.16 kg)	ISO 1133	dg/min	9
Density	ISO 1183	g/cm <sup>3</sup>	0.9
Flexural Modulus	ISO 178	N/mm <sup>2</sup>	1500
Tensile Strength at Yield	ISO R 527	N/mm <sup>2</sup>	34
Elongation at Yield	ISO R 527	%	13
Izod Impact Strength (notched) at 23 °C	ISO 180	kJ/m <sup>2</sup>	4
Hardness Shore D	ISO 868	points	71
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 at 150 °C	ISO 4577	hours	360
Haze	MTM 17031	%	1
Gloss (45 °C)	MTM 17021	%	85

\* Typical values not to be construed as specifications.