Technical Datasheet: X30S

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

Applications:

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

Typical data:

Property	Test method	Unit	value
Density	ISO ۱۱۸۳	g/cm³	۰.۹
Melt index (۱۹۰°C/۲.۱۶ kg)	ISO ۱۱۳۳	dg/min	۹
Flexural Modulus	ISO ۱۷۸	N/mm²	۱۵۰۰
Tensile Strength at Yield	ISO R ۵۲۷	N/mm²	۳۶
Elongation at Yield	ISO R ۵۲۷	%	۱۳
Izod Impact Strength (notched) at ۲۳ °C	ISO ۱۸۰	kJ/m²	۶
Hardness Shore D	ISO ۸۶۸	points	۷۱
Vicat softening point (۹.۸ N)	ISO ۳۰۶/A	°C	۱۵۵
H.D.T. (۰.۴۶ Mpa)	ISO ۷۵/B	°C	۱۱۵
Accelerated oven ageing in air at ۱۵۰ °C	ISO ۴۵۷۷	hours	۳۶۰
Haze	MTM ۱۷۰۳۱	%	۱
Gloss (۴۵ °C)	MTM ۱۷۰۲۱	%	۸۵