



Arak Petrochemical Company



ISO 9001:2000

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Polypropylene

Moplen X30S (Extrusion & Cast Film)

Typical properties	Test method (ASTM)	Unit	Value
MFR @230°C, 2.16 kg	D1238/L	gr/10min	8
Flexural Modulus	D790	Mpa	1550
Notched Izod Impact@23°C	D256	J/m	36
Tensile Strength@Yield	D638	Mpa	36
Elongation@Yield	D638	%	12
Vicat Softening Point, 10N	D1525	°C	154
HDT(0.46N/mm ²)	D648	°C	93
Rockwell Hardness	D785	R.Scale	93
Oven Aging@150°C	D3012	Hours	360

➤ Values shown are averages & are not to be considered as product specifications.

❖ Main application & Characteristics:

Moplen X30S is a homo-polymer particularly suited for the extrusion of cast and water quenched blown film.

Moplen X30S exhibits excellent process ability and outstanding optical properties.

This makes Moplen X30S particularly suitable for film for packaging of flowers, books, stationery, blankets, shirts, knitwear, hosiery and food-stuffs such as pasta, snakes, biscuits, bakery products and confectionery.

Moplen X30S is also very appropriate for the extrusion of small pipes and drinking straws.

Moplen X30S can be used for lamination with polyester, polyamide and aluminum for packaging of snacks, crisps, sweets, coffee, meat products and pre-cooked foods. In these applications, Moplen X30S gives an excellent high gloss finish in laminates and exhibits good printability after corona treatment.

* Moplen X30S is suitable for food contact.