



Arak Petrochemical Company



ISO 9001:2000
Certificate No.: CH98/8032

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Certificate No.: CH03/0112

OHSAS 18001:1999
Certificate No.: CH05/0675

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Polypropylene

Moplen EP1X35F

Typical properties	Test method (ASTM)	Unit	Value
MFR @230°C, 2.16 kg	D1238/L	gr/10min	8
Flexural Modulus	D790	Mpa	1100
Notched Izod Impact@23°C	D256	J/m	40
Tensile Strength@Yield	D638	Mpa	30
Elongation@Yield	D638	%	12
Vicat Softening Point, 10N	D1525	°C	138
HDT(0.46N/mm ²)	D648	°C	80
Rockwell Hardness	D785	R.Scale	84
Oven Aging@150°C	D3012	Hours	360
Haze	D1003	%	1.8
Gloss	D523	Rating	85

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

❖ Main application & Characteristics:

Moplen EP1X35F is a slightly modified random copolymer for production of cast and water-quenched blown film.

Moplen EP1X35F is formulated with a slip and anti-block package.

Moplen EP1X35F is designed for quality packaging applications, either as monolayer film or as welding layer on co-extruded structures. The product offers excellent process ability, high clarity and gloss and good heat weld ability. The seal initiation temperature is about 136°C.

Moplen EP1X35F is well suited for lamination to bioriented polypropylene film or other materials to form the welding layer.

Film produced with Moplen EP1X35F is particularly suited for the packaging of foodstuffs such as sweets, pasta, biscuits and snacks and for the packaging of books, stationery, shirts and hosiery.

* Moplen EP1X35F is suitable for food contact.