



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 EPQ30M (Extrusion)

Typical properties	Test method (ASTM)	Unit	Value
MFR @230°C, 2.16 kg	D1238/L	gr/10min	0.8
Flexural Modulus	D790	Mpa	1300
Notched Izod Impact@23°C	D256	J/m	300
Notched Izod Impact@-20°C	D256	J/m	40
Tensile Strength@Yield	D638	Mpa	30
Elongation@Yield	D638	%	15
Vicat Softening Point,10N	D1525	°C	151
HDT(0.46N/mm ²)	D648	°C	90
Rockwell Hardness	D785	R.Scale	83
Oven Aging@150°C	D3012	Hours	360

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

❖ Main application & Characteristics:

Moplen EPQ30M is a high molecular weight, heterophasic polypropylene copolymer designed for extrusion applications which require a balance of high stiffness and very good impact strength.

Moplen EPQ30M offers excellent process ability in extrusion. The final items show very good mechanical properties, even at temperatures down to -20°C.

Major applications of Moplen EPQ30M are profiles, pipes, ducts for electrical distribution and automotive parts.

This grade is also used for extrusion blow moulding pigmented, glossy monolayer bottles for toiletries, detergents and foodstuffs.

Moplen EPQ30M is also well suited for corrugated board and sheet for thermoforming.

* Moplen EPQ30M is suitable for food contact.