



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 EPQ30R (Extrusion)

Typical properties	Test method (ASTM)	Unit	Value
MFR @230°C, 2.16 kg	D1238/L	gr/10min	0.8
Flexural Modulus	D790	Mpa	1150
Notched Izod Impact@23°C	D256	J/m	>500
Notched Izod Impact@-20°C	D256	J/m	60
Tensile Strength@Yield	D638	Mpa	27
Elongation@Yield	D638	%	14
Vicat Softening Point,10N	D1525	°C	152
HDT(0.46N/mm ²)	D648	°C	82
Rockwell Hardness	D785	R.Scale	76
Oven Aging@150°C	D3012	Hours	2000

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

❖ Main application & Characteristics:

Moplen EPQ30R is a high molecular weight, heterophasic polypropylene copolymer designed for extrusion applications which require a balance of high stiffness and very high impact strength.

Moplen EPQ30R 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 EPQ30R** 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 EPQ30R is also well suited for corrugated board and sheet for thermoforming.

* **Moplen EPQ30R** is suitable for food contact.