



Arak Petrochemical Company



ISO 9001:2000
Certificate No.: CH98/8032

ISO 14001:2004
Certificate No.: CH03/0112

OHSAS 18001:1999
Certificate No.: CH05/0675

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Polypropylene

Moplen EPT30M (Injection Moulding & Thermoforming)

Typical properties	Test method (ASTM)	Unit	Value
MFR @230°C, 2.16 kg	D1238/L	gr/10min	3.5
Flexural Modulus	D790	Mpa	1300
Notched Izod Impact@23°C	D256	J/m	90
Notched Izod Impact@-20°C	D256	J/m	30
Tensile Strength@Yield	D638	Mpa	29
Elongation@Yield	D638	%	12
Vicat Softening Point, 10N	D1525	°C	153
HDT(0.46N/mm ²)	D648	°C	90
Rockwell Hardness	D785	R.Scale	87
Oven Aging@150°C	D3012	Hours	360

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

❖ Main application & Characteristics:

Moplen EPT30M is a medium flow, heterophasic polypropylene copolymer. This grade combines excellent stiffness with high impact and it is suitable for injection moulding and thermoforming. Because of its particular balance of mechanical properties, Moplen EPT30M is widely used for injection moulding toys, sports articles, small containers, housewares, closures and caps. Technical applications are components for appliances and parts for the automotive industry.

Thermoformed containers are another important application of Moplen EPT30M.

* Moplen EPT30M is suitable for food contact.