



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 EPS30R (Injection Moulding)

Typical properties	Test method (ASTM)	Unit	Value
MFR @230°C, 2.16 kg	D1238/L	gr/10min	1.5
Flexural Modulus	D790	Mpa	1150
Notched Izod Impact@23°C	D256	J/m	350
Notched Izod Impact@-20°C	D256	J/m	55
Tensile Strength@Yield	D638	Mpa	27
Elongation@Yield	D638	%	14
Vicat Softening Point,10N	D1525	°C	152
HDT(0.46N/mm ²)	D648	°C	85
Rockwell Hardness	D785	R.Scale	77
Oven Aging@150°C	D3012	Hours	360

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

❖ Main application & Characteristics:

Moplen EPS30R is a heterophasic polypropylene copolymer.

Moplen EPS30R combines high impact strength with excellent processing characteristics.

Typical applications of Moplen EPS30R are crates, paint pails, heavy-duty packaging.

* Moplen EPS30R is suitable for food contact.