



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 EPS30U

Typical properties	Test method (ASTM)	Unit	Value
MFR @230°C, 2.16 kg	D1238/L	gr/10min	1.5
Flexural Modulus	D790	Mpa	1050
Notched Izod Impact@23°C	D256	J/m	>500
Notched Izod Impact@-20°C	D256	J/m	80
Tensile Strength@Yield	D638	Mpa	25
Elongation@Yield	D638	%	12
Vicat Softening Point, 10N	D1525	°C	146
HDT(0.46N/mm ²)	D648	°C	78
Rockwell Hardness	D785	R.Scale	75
Oven Aging@150°C	D3012	Hours	-

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

❖ Main application & Characteristics:

Moplen EPS30U is a heterophasic polypropylene copolymer.

Moplen EPS30U combines extremely high impact strength with excellent processing characteristics.

Moplen EPS30U is designed for applications where very high toughness is a primary requirement.

Typical applications of Moplen EPS30U are crates, paint pails, heavy-duty packaging.