



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 EPH30R

Typical properties	Test method (ASTM)	Unit	Value
MFR @230°C, 2.16 kg	D1238/L	gr/10min	40
Flexural Modulus	D790	Mpa	1350
Notched Izod Impact@23°C	D256	J/m	60
Notched Izod Impact@-20°C	D256	J/m	30
Tensile Strength@Yield	D638	Mpa	27.5
Elongation@Yield	D638	%	10
Vicat Softening Point,10N	D1525	°C	152
HDT(0.46N/mm ²)	D648	°C	85
Rockwell Hardness	D785	R.Scale	87
Oven Aging@150°C	D3012	Hours	-

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

❖ Main application & Characteristics:

Moplen EPH30R is a high melt flow rate, heterophasic copolymer for thin-walled injection moulding.

Items with Moplen EPH30R exhibits high stiffness, good impact resistance.

The use of Moplen EPH30R allows high productivity because of easy mould filling and short cycle times.

The excellent balance of mechanical properties combined with the outstanding organoleptic properties makes Moplen EPH30R particularly suitable for thin-walled packaging.

Some typical food packaging application of Moplen EPH30R is margarine tubs and pots for soft cheese, pudding, mayonnaise and other dairy or fatty products.

Other major applications of Moplen EPH30R include caps, closures and flower pots.

The product is also suitable for injection moulding videocassette boxes, appliance components, small pails, cool boxes and food containers.

* Moplen EPH30R is suitable for food contact.