



Arak Petrochemical Company



ISO 9001:2000
Certificate No.: CH98/8032

ISO 14001:2004
Certificate No.: CH03/0112

OHSAS 18001:1999
Certificate No.: CH05/0675

Address:

No. 3, Taban St.
Vali-e-Asr Ave.
Tehran - IRAN

Tel:

(+98 21)82122700

Fax:

(+98 21)8867 4126-27

Web-site:

www.arpc.ir

E-mail:

Sales@arpc-ir.net

Polypropylene

Moplen EPD60R (Extrusion)

Typical properties	Test method (ASTM)	Unit	Value
MFR @230°C, 2.16 kg	D1238/L	gr/10min	0.35
Flexural Modulus	D790	Mpa	1100
Notched Izod Impact@23°C	D256	J/m	600
Notched Izod Impact@-20°C	D256	J/m	70
Tensile Strength@Yield	D638	Mpa	27
Elongation@Yield	D638	%	15
Vicat Softening Point,10N	D1525	°C	120
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 EPD60R is a high molecular weight heterophasic copolymer for blow moulding and extrusion and is designed to produce items with superior toughness even at low temperatures. Moplen EPD60R exhibits excellent heat and detergent resistance.

Because of its excellent impact strength and its particular formulation, Moplen EPD60R is well suited for extrusion blow moulding appliance components, wheels, under the hood automotive parts, toolboxes, suitcases and large containers.

Extrusion applications of Moplen EPD60R include profiles, pipes and tough sheet for industrial applications. Sheet produced with Moplen EPD60R is also well suited for thermoforming trays for cold storage.

Moplen EPD60R can be compression moulded into thick sheets.

* Moplen EPD60R is suitable for food contact.