



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 EPF30R (Injection Moulding)

Typical properties	Test method (ASTM)	Unit	Value
MFR @230°C, 2.16 kg	D1238/L	gr/10min	13
Flexural Modulus	D790	Mpa	1250
Notched Izod Impact@23°C	D256	J/m	70
Notched Izod Impact@-20°C	D256	J/m	30
Tensile Strength@Yield	D638	Mpa	28
Elongation@Yield	D638	%	11
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	360

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

❖ Main application & Characteristics:

Moplen EPF30R is a heterophasic polypropylene copolymer with an improved mechanical properties balance. The product features an outstanding stiffness and high impact strength with high flow properties, designed for injection moulding applications.

Moplen EPF30R is suitable for a wide range of applications in the packaging, automotive and consumer goods industries. Typical applications include household articles and closures.

* Moplen EPF30R is suitable for food contact.