



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 RP210G (Extrusion & Blow Moulding)

Typical properties	Test method (ASTM)	Unit	Value
MFR @230°C, 2.16 kg	D1238/L	gr/10min	1.8
Flexural Modulus	D790	Mpa	1000
Notched Izod Impact@23°C	D256	J/m	120
Tensile Strength@Yield	D638	Mpa	27
Elongation@Yield	D638	%	13
Vicat Softening Point, 10N	D1525	°C	135
HDT(0.46N/mm ²)	D648	°C	78
Rockwell Hardness	D785	R.Scale	86
Oven Aging@150°C	D3012	Hours	360
Haze	D1003	%	32
Gloss	D523	Rating	65

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

❖ Main application & Characteristics:

Moplen RP210G is a medium modified polypropylene random copolymer designed for blow moulding and sheet & film extrusion.

It offers low density, stress cracking resistance and high chemical resistance. Main applications of Moplen RP210G are extrusion of film for packaging & sheet for stationery folders and displays, the extrusion blow moulding of high gloss monolayer bottles, clear or pigmented, for the packaging of cosmetics, detergents, chemicals and food-stuffs.

* Moplen RP210G is suitable for food contact.