



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 Z11G (Injection Moulding)

Typical properties	Test method (ASTM)	Unit	Value
MFR @230°C, 2.16 kg	D1238/L	gr/10min	35
Flexural Modulus	D790	Mpa	1450
Notched Izod Impact@23°C	D256	J/m	30
Tensile Strength@Yield	D638	Mpa	32
Elongation@Yield	D638	%	10
Vicat Softening Point, 10N	D1525	°C	152
HDT(0.46N/mm ²)	D648	°C	94
Rockwell Hardness	D785	R.Scale	100
Oven Aging@150°C	D3012	Hours	150

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

❖ Main application & Characteristics:

Moplen Z11G is a polypropylene homo-polymer for general injection moulding applications.

Moplen Z11G is suitable for gamma rays sterilization and mainly used for syringes and hospital articles.

* Moplen Z11G is suitable for food and medical applications.