



Arak Petrochemical Company



ISO 9001:2000
Certificate No.: CH98/8032

ISO 14001:2004
Certificate No.: CH03/0112

OHSAS 18001:1999
Certificate No.: CH05/0675

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Polypropylene

Moplen Q30G (Injection Moulding)

Typical properties	Test method (ASTM)	Unit	Value
MFR @230°C, 2.16 kg	D1238/L	gr/10min	0.7
Flexural Modulus	D790	Mpa	1450
Notched Izod Impact@23°C	D256	J/m	80
Tensile Strength@Yield	D638	Mpa	35
Elongation@Yield	D638	%	13
Vicat Softening Point, 10N	D1525	°C	152
HDT(0.46N/mm ²)	D648	°C	90
Rockwell Hardness	D785	R.Scale	90
Oven Aging@150°C	D3012	Hours	360

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

❖ Main application & Characteristics:

Moplen Q30G is a homo-polymer polypropylene suitable for general purpose injection moulding applications.

Moplen Q30G combines excellent process ability with an outstanding mechanical properties balance.

Moplen Q30G is mainly used for technical items such as cops, cloths-pins.

* Moplen Q30G is suitable for food contact.