



Arak Petrochemical Company



ISO 9001:2000
Certificate No.: CH98/8032

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Certificate No.: CH03/0112

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Certificate No.: CH05/0675

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Polypropylene

Moplen H30G (Injection Moulding)

Typical properties	Test method (ASTM)	Unit	Value
MFR @230°C, 2.16 kg	D1238/L	gr/10min	35
Flexural Modulus	D790	Mpa	1600
Notched Izod Impact@23°C	D256	J/m	29
Tensile Strength@Yield	D638	Mpa	36
Elongation@Yield	D638	%	10
Vicat Softening Point, 10N	D1525	°C	154
HDT(0.46N/mm ²)	D648	°C	100
Rockwell Hardness	D785	R.Scale	102
Oven Aging@150°C	D3012	Hours	360

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

❖ Main application & Characteristics:

Moplen H30G is a very high flow polypropylene homo-polymer with very narrow molecular weight distribution suitable for short cycle injection moulding and extrusion coating applications.

Moplen H30G combines high stiffness with good transparency and good adhesion.

Typical applications are injection moulding applications such as household articles, toys.

It is also well suited for high speed coating of paper coating and thin-walled packaging.