



Arak Petrochemical Company



ISO 9001:2000

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Polypropylene

Moplen HP300R (Injection Moulding)

Typical properties	Test method (ASTM)	Unit	Value
MFR @230°C, 2.16 kg	D1238/L	gr/10min	25
Flexural Modulus	D790	Mpa	1500
Notched Izod Impact@23°C	D256	J/m	30
Tensile Strength@Yield	D638	Mpa	32
Elongation@Yield	D638	%	13
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	360

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

❖ Main application & Characteristics:

Moplen HP300R is a high flow polypropylene homo-polymer for injection moulding & compounding applications.

Moplen HP300R exhibits a high stiffness & outstanding process ability for shorter cycle times & easy mould filling.

The product is suitable for injection moulding applications such as thin-walled containers & other general purpose packaging items, toys, vacuum flasks, household & kitchen articles.

Moplen HP300R is also an excellent polymer base compounding & master batches.

* Moplen HP300R is suitable for food contact.