



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 HP500L (Injection Moulding)

Typical properties	Test method (ASTM)	Unit	Value
MFR @230°C, 2.16 kg	D1238/L	gr/10min	6
Flexural Modulus	D790	Mpa	1500
Notched Izod Impact@23°C	D256	J/m	30
Tensile Strength@Yield	D638	Mpa	35
Elongation@Yield	D638	%	12
Vicat Softening Point, 10N	D1525	°C	154
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 HP500L is a polypropylene homo-polymer for injection moulding. Moplen HP500L offers good flow properties, easy processing & high stiffness.

The main applications of Moplen HP500L are house wares, small containers, crates, garden furniture, stadium seats, toys, caps & closures.

Other major applications are components for appliances & parts for the automotive industry.

* Moplen HP500L is suitable for food contact.