

Polypropylene

Moplen HP500M (Injection Moulding)

Typical properties	Test method (ASTM)	Unit	Value
MFR @230°C, 2.16 kg	D1238/L	gr/10min	9
Flexural Modulus	D790	Mpa	1550
Notched Izod Impact@23°C	D256	J/m	37
Tensile Strength@Yield	D638	Mpa	35
Elongation@Yield	D638	%	12
Vicat Softening Point, 10N	D1525	°C	154
HDT(0.46N/mm ²)	D648	°C	95
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 HP500M is a polypropylene homo-polymer for injection moulding. Because of its good flow properties, this grade offers easy processing. Articles produced from Moplen HP500M exhibit high stiffness.

Moplen HP500M is widely used for injection moulding consumer goods such as food containers, house wares, toys & garden furniture.

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

* Moplen HP500M is suitable for food contact.