

Technical Datasheet

- **Grade Name:** Moplen HP510L HEMOPOLYMER
- **Categories:** Polymer, Thermoplastic, Polypropylene, Polypropylene Homopolymer
- **Processing Methods:** Blow Molding, Thermoforming, Extrusion
- **Applications:** Sheet, Fibers, Film, Light-Duty Films, Thermoforming Sheet, Film Yarn, Rope and Twine, Monofilament, Brush Fibers
- **Features:** Good Flowability

Physical Properties			
Properties	Value	Unit	Test Method
MFI(230 °C/2.16 Kg)	7	g/10min	ISO 1133
Density	0.9	g/cm ³	ISO 1183
Mechanical Properties			
Properties	Value	Unit	Test Method
Flexural Modulus	1500	MPa	ISO 178
Izod Impact Strength, Notched	4	KJ/m ²	ISO 180
Tensile Elongation at Yield	12	%	ISO 527
Tensile Strength at Yield	35	MPa	ISO 527
Hardness Shore D	90		ISO 868
Thermal Properties			
Properties	Value	Unit	Test Method
Heat Deflection Temperature (0.46 MPa)	97	°C	ISO 75
Oven Aging (150 °C, Air)	360	h	ISO 4577
Vicat Softening Point (9.8 N)	154	°C	ISO 306

Typical Properties: These values are not to be considered as product specifications.

This document is issued by the Company subject to its general condition of service printed overleaf. Attention is drawn to the limitations of liability identification and jurisdictional issues defined therein.

+981142434507

NO.9 Beshel Industrial City,
Shirgah, Mazandaran, Iran

