

**leParslen ZH500M**  
**Polypropylene Homopolymer for Injection Molding**

**Product Description**

- Because of its flow properties, this grade offers easy processing. Articles produced from Parslen ZH500M exhibit high stiffness.
- Parslen ZH500M is widely used for injection molding consumer goods.

**Application**

- ZH500M is suitable for production of food containers, houseware, garden furniture and plastic parts in automotive industry.

**Producer**

Navid Zar Chimi Petrochemical Company

Properties	Value	Tolerance	Units	Test Method
Melt flow rate (230°C, 2.16 Kg)	9	±2	gr/10 min	ASTM 01238
Vicat softening point ( 9.8 N)	154	±4	°C	ASTM D 1525
H.O.T. (0.46 Mpa)	95	±8	°C	ASTM 0 648
Flexural modulus	1550	±150	MPa	ASTM D 790
Tensile strength at yield	35	±5	MPa	ASTM 0 638
Elongation at yield	12	-2	%	ASTM D 638
IZod impact strength( notched ) at 23°C	37	±4	J m	ASTM 0256
Rockwell hardness [R - B Scale)	102	+18	R-B	ASTM 0 785

- a) Values shown are averages and are not to be considered as exact product specifications.  
 b) All specimens are prepared by injection molding.

**Parslen ZB332C is suitable for food contact**