



**NAVID ZAR CHIMI Ind. Co.**  
Polypropylene Manufacturer



## **Parslen ZH500M**

Polypropylene Homopolymer for Injection Molding

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### 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.



Typical Properties [a,b]	Method	Unit	Value (a)	Tolerance
Melt flow rate(230 ° C, 2.16 Kg)	ASTM D 1238	gr/10 min	9	±2
Vicat softening point ( 9.8 N)	ASTM D 1525	° C	154	±4
H.D.T. (0.46 MPa)	ASTM D 648	° C	95	±8
Flexural modulus	ASTM D 790	MPa	1550	±150
Tensile strength at yield	ASTM D 638	MPa	35	±5
Elongation at yield	ASTM D 638	%	12	-2
Izod impact strength( notched ) at 23° C	ASTM D 256	J/m	37	±4
Rockwell hardness [R –B Scale]	ASTM D 785	R - B	102	+18

a) Values shown are averages and are not to be considered as exact product specifications.

b) All specimens are prepared by injection molding.

(Last revised 31, July 2008)



Parslen ZH500M is suitable for food contact.