



POLYPROPYLENE HOMOPOLYMER

Parslen ZH500M

Producer: Navid Zar Chimi Ind. Co. / Iran

Description: Polypropylene Homopolymer for Injection Molding
Beacuse 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.

Applications: **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

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

All specimens are prepared by injection molding.

Parslen ZH500M is suitable for food contact.