



PRODUCT DATA SHEET

Parslen ZH500M

Polypropylene Homopolymer for Injection Molding

- 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 such as food containers, house wares, toys and garden furniture.
- Other major applications are components for appliances and parts for the automotive industry.

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

Parslen ZH500M is suitable for food contact.

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

b) All specimens are prepared by injection molding. .

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