



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



## **Parslen ZH550L**

Polypropylene Homopolymer for Injection Molding

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### Product Description:

- Parslen ZH550L offers good flow properties, easy processing and high stiffness.
- This grade is suitable for the production in film yarn industry for bags, but with slight decrease in the tensile strength compare to ZH550J. This grade is not very suitable for heavy duty jumbo bag production.

### Application:

- In addition to production of film yarn, ZH550L is also widely used for injection Molding application, components for appliance, parts for the automotive industry, toys, and the garden furniture.



Typical Properties [a,b]	Method	Unit	Value(a)	Tolerance
Melt flow rate(230 ° C, 2.16 Kg)	ASTM D 1238	gr/10 min	6	±1
Vicat softening point ( 9.8 N)	ASTM D 1525	° C	154	±4
H.D.T. (0.46 MPa)	ASTM D 648	° C	94	±7
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	40	±4
Rockwell hardness [R – B Scale]	ASTM D 785	R – B	100	+20

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 ZH550L is suitable for food contact.