



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



## **Parslen ZH550J**

Polypropylene Homopolymer for Extrusion of Sheets for Thermoforming, Film Yarn and Monofilament.

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### Product Description:

- Parslen ZH550J combines outstanding processability with good mechanical properties and is designed to produce stiff sheet for high quality thermoforming articles.
- Parslen ZH550J is also particularly suitable to produce film yarn, with both cast and tubular processes with a denier count in the range of 1100 to 28000 depending on final product required.

### Application:

- Parslen ZH550J is also well suited for production of heavy duty bags, monofilaments nets.



Typical Properties [a,b]	Method	Unit	Value(a)	Tolerance
Melt flow rate(230 ° C, 2.16 Kg)	ASTM D 1238	gr/10 min	3.2	±0.3
Vicat softening point ( 9.8 N)	ASTM D 1525	° C	156	-8
H.D.T. (0.46 MPa)	ASTM D 648	° C	94	±8
Flexural modulus	ASTM D 790	MPa	1550	±150
Tensile strength at yield	ASTM D 638	MPa	35	±4
Elongation at yield	ASTM D 638	%	12	-2
Izod impact strength( notched ) at 23° C	ASTM D 256	J/m	55	±5
Rockwell hardness [R – B Scale]	ASTM D 785	R – B	102	+15

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 ZH550J is suitable for food contact.