



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



## **Parslen ZH520J**

Parslen ZH520J Is a Modified Homopolymer Designed for the Very High Speed Production of Coextruded BOPP Films.

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### Product Description:

- Parslen ZH520J has been developed for coextrusion lines with a very high output and linear speed. The product allows an outstanding extrusion stability and thickness variation control, especially on cascade lines the product provides also a very high drawability and readiness to a two way orientation.
- BOPP films produced with Parslen ZH520J feature good mechanical properties, high impact strength and puncture resistance, even at low temperatures. The films form an excellent barrier against moisture, odours, oils, fats and oxidation and feature high transparency, high gloss and good printability after corona treatment.



### Application:

- Coextruded film with a thickness of 20 to 40  $\mu\text{m}$  is used for the automatic packaging of bakery products, snacks and pasta as well as for the overwrapping of boxes and cigarette packets.

Typical Properties [a,b]	Method	Unit	Value(a)	Tolerance
Melt flow rate(230 ° C, 2.16 Kg)	ASTM D 1238	gr/10 min	3.1	$\pm 0.3$
Vicat softening point ( 9.8 N)	ASTM D 1525	° C	156	-8
H.D.T. (0.46 MPa)	ASTM D 648	° C	94	$\pm 8$
Flexural modulus	ASTM D 790	MPa	1550	$\pm 150$
Tensile strength at yield	ASTM D 638	MPa	35	$\pm 4$
Elongation at yield	ASTM D 638	%	12	-2
Izod impact strength( notched ) at 23° C	ASTM D 256	J/m	55	$\pm 5$
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 ZH520J is suitable for food contact.