



POLYPROPYLENE HOMOPOLYMER

Parslen ZH520J

Producer: Navid Zar Chimi Ind. Co. / Iran

Description: **Parslen ZH520J** is a Modified Homopolymer Designed for the Very High Speed Production **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.

Applications: Coextruded film with a thickness of 20 to 40 μm 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	± 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

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

All specimens are prepared by injection molding.

Parslen ZH520J is suitable for food contact.