



POLYPROPYLENE HOMOPOLYMER

Parslen ZH525J

Producer: Navid Zar Chimi Ind. Co. / Iran

Parslen ZH525J is a Modified Homopolymer Designed for the very High Speed Production of Coextruded Metallized BOPP Films.

Description:

Parslen ZH525J 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. The formulation of additives is specially designed for production of BOPP films to be metallized.

Metallized BOPP films produced with **Parslen ZH525J** feature good mechanical properties, high impact strength and puncture resistance even at low temperatures. The films form an excellent barrier against moisture, odours, oil, fats and oxidation

Applications:

Coextruded film with a thickness of 20 to 40 pm 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, 2.15 Kg)	ASTM D 1238	gr / 10 min	3.1	± 0.3
Vicat softening point (9.8 N)	ASTM D 1525	°C	155	- 8
H.D.T. (0.46 Mpa)	ASTM D 648	°C	90	± 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	50	± 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 ZH525J is suitable for food contact.