



PRODUCT DATA SHEET

Parslen ZH520J

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

- 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.
- The product contains a reinforced processing stabilisation and a package of slip and antistatic agents but does not contain any antiblocking agents.
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.
- The low sealing biaxially oriented coextruded films obtained with Parslen ZH520J can be used for Vertical Form Fill Seal and lamination as well as horizontal form fill seal and overwrapping applications, according to the thickness and sealing properties obtained.
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)
Thermal Properties			
Melt flow rate(230 ° C, 2.16 Kg)	ASTM D 1238	gr/10 min	3.0
Vicat softening point (9.8 N)	ASTM D 1525	° C	166
H.D.T. (0.46 MPa)	ASTM D 648	° C	94
Mechanical Properties			
Flexural modulus	ASTM D 790	MPa	1550
Tensile strength at yield	ASTM D 638	MPa	35
Elongation at yield	ASTM D 638	%	12
Izod impact strength(notched) at 23° C	ASTM D 256	J/m	55
Rockwell hardness [R – B Scale]	ASTM D 785	R – B	105

Parslen ZH520J is suitable for food contact.

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 2007)