



PRODUCT DATA SHEET

Parslen ZH522H

Parslen ZH522H is a homopolymer for the production of bi-axially oriented polypropylene films. The product is particularly suitable for metallization, both as monolayer film and in co-extruded structures.

- Parslen ZH522H has been designed to provide a very stable extrusion on stenter lines and to give excellent thickness control, increased draw ability and readiness to a two way orientation.
- Parslen ZH522H contains a reinforced processing stabilization but does not contain any slip or anti-blocking agents.
- The product features low water carry- over properties and is therefore also suitable for tubular BOPP.
- BOPP films produced with Parslen ZH522H 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 good features optical properties.
- Monolayer or co-extruded films made of Parslen ZH522H with a thickness ranging from 20 to 40 µm are used for the packaging of foodstuffs, cosmetics and videocassettes.
- Metallized BOPP films made with Parslen ZH522H are also suitable for lamination to other flexible films.

Typical Properties [a,b]	Method	Unit	Value(a)
Thermal Properties			
Melt flow rate(230 ° C, 2.16 Kg)	ASTM D 1238	gr/10 min	1.8
Vicat softening point (9.8 N)	ASTM D 1525	° C	154
H.D.T. (0.46 MPa)	ASTM D 648	° C	94
Mechanical Properties			
Flexural modulus	ASTM D 790	MPa	1600
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	60
Rockwell hardness [R – B Scale]	ASTM D 785	R – B	105

Parslen ZH522H 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)