



PRODUCT DATA SHEET

Parslen ZH515MA

Parslen ZH515MA is a Polypropylene homopolymer developed for the high speed extrusion of transparent cast and blown film.

- Parslen ZH515MA is formulated with an effective slip and antiblocking package and is suitable for the extrusion of low thickness films and can be used for films from 15 to 150 μm .
- In comparison with standard polypropylene types for film production, Parslen ZH515MA allows for faster processing due to its peculiar structure and composition.
- Films made with Parslen ZH515MA show a good behavior on the winding rolls and in the cutting section and feature a high transparency, a high gloss and a good printability after corona treatment.
- Because of their high transparency and good handling properties, films made with Parslen ZH515MA are used for the production of shopping bags and packaging for snacks, bakery products, books, blankets, hosiery and shirts.
- Another major application is the production of stationery folders. Twines and ropes.

Typical Properties [a,b]	Method	Unit	Value(a)
Thermal Properties			
Melt flow rate(230 ° C, 2.16 Kg)	ASTM D 1238	gr/10 min	9
Vicat softening point (9.8 N)	ASTM D 1525	° C	151
H.D.T. (0.46 MPa)	ASTM D 648	° C	95
Mechanical Properties			
Flexural modulus	ASTM D 790	MPa	1200
Tensile strength at yield	ASTM D 638	MPa	32
Elongation at yield	ASTM D 638	%	12
Izod impact strength(notched) at 23° C	ASTM D 256	J/m	37
Rockwell hardness [R – B Scale]	ASTM D 785	R – B	100
Optical Properties			
Haze	MTM 17031	%	2
Gloss	MTM 17021	%	80

Parslen ZH515MA 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)