



PRODUCT DATA SHEET

Parslen ZH510M

Parslen ZH510M Is a Homopolymer Particularly Suited for the Extrusion of Cast and Water Quenched Blown Film.

- Parslen ZH510M exhibits excellent processability and outstanding optical properties. This makes Parslen ZH510M particularly suitable for film for packaging food-stuffs such as pasta, snacks, biscuits, bakery products and confectionary. Other applications include film for packaging for flowers, books, stationary, blankets, shirts, knitwear and hosiery.
- Parslen ZH510M is also very appropriate for the extrusion of small pipes and drinking straws.
- Parslen ZH510M can be used for lamination with polyester, polyamide and aluminium for packaging of snacks, crisps, sweets, coffee, meat products and pre-cooked foods.
- In these applications, Parslen ZH510M gives an excellent high gloss finish in laminates and exhibits good printability after Corona treatment.
- Parslen ZH510M can also be coextruded with heterophasic copolymer grades to produce high gloss finishes on blow moulded pigmented bottles and coextruded sheet.

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	155
H.D.T. (0.46 Mpa)	ASTM D 648	° C	115
Mechanical Properties			
Flexural modulus	ASTM D 790	MPa	1500
Tensile strength at yield	ASTM D 638	MPa	34
Elongation at yield	ASTM D 638	%	13
Izod impact strength(notched) at 23° C	ASTM D 256	J/m	4
Rockwell hardness [R – B Scale]	ASTM D 785	R – B	71
Optical Properties			
Haze	MTM 17031	%	1
Gloss (45 °C)	MTM 17021	%	85

Parslen ZH510M 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.