



## Parslen ZH510M

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

### Product Description

- Parslen ZH510M exhibits excellent processability and outstanding optical properties. This makes Parslen ZH510M particularly suitable for packaging food-stuffs such as pasta, snacks, biscuits, bakery products and confectionary. Other applications include film for packaging of flowers, books, stationary, blankets, shirts, and knitwear.

### Application

- 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. I.
- 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.

### Producer

Navid Zar Chimi Petrochemical Company

Properties	Value	Tolerance	Units	Test Method
Melt flow rate(230• c.2.16 Kg)	9	±2	gr/10 min	ASTM 01238
Vicat softening point ( 9.8 N)	155	±4	•c	ASTM D 1525
H.O.T. (0.46 Mpa)	115	±10	•c	ASTM 0 648
Flexural modulus	1500	±150	MPa	ASTM D 790
Tensile strength at yield	35	±5	MPa	ASTM 0 638
Elongation at yield	13	-2	%	ASTM D 638
IZod impact strength( notched ) at 23°C	40	±4	J m	ASTM 0256
Rockwellhardness [R - B Scale)	71	±10	R-B	ASTM 0 785
Haze	1	± 0.1	%	MTM 17031

Gloss	85	$\pm 3$	%	MTM 17031
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- a) Values shown are averages and are not to be considered as exact product specifications.
- b) All specimens are prepared by injection molding.

**Parslen ZB332C is suitable for food contact**

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