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# Technical Datasheet

## ZH510M

### 1) 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.

### 2) Applications:

- ✓ 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.

### 3) Typical data:

PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUE*
Melt flow rate (230°C/2.16 kg)	ASTM D-1238	gr/10min	9
Vicat Softening Point (9.8 N)	ASTM D-1525	°C	155
Elongation at yield	ASTM D-638	%	13
Rockwell Hardness [R-B Scale]	ASTM D-785	R-B	71
Tensile strength at yield	ASTM D-638	MPa	34
Izod Impact strength (notched) at 23°C	ASTM D-256	J/m	40
H.D.T (0.46 MPa)	ASTM D-648	°C	115
Flexural modulus	ASTM D 790	MPa	1500
Haze	MTM 17031	%	1
Gloss (45 °C)	MTM 17021	%	85

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Address: No. 14, 1st floor, 23B, Tskneti Highway, Vake-Saburtalo Reg., Tbilisi, Georgia.

ZIP Code: 0162, Tel: +995 322434008/9, Email: [info@mrchemicalge.com](mailto:info@mrchemicalge.com) | [www.mrchemicalge.com](http://www.mrchemicalge.com)