



**NAVID ZAR CHIMI Ind. Co.**  
Polypropylene Manufacturer



کوثر شیمی  
Kosar Shimi  
+9821 - 43462000  
info@kosar.co  
www.kosar.co

## **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, stationery, blankets, shirts, and knitwear.

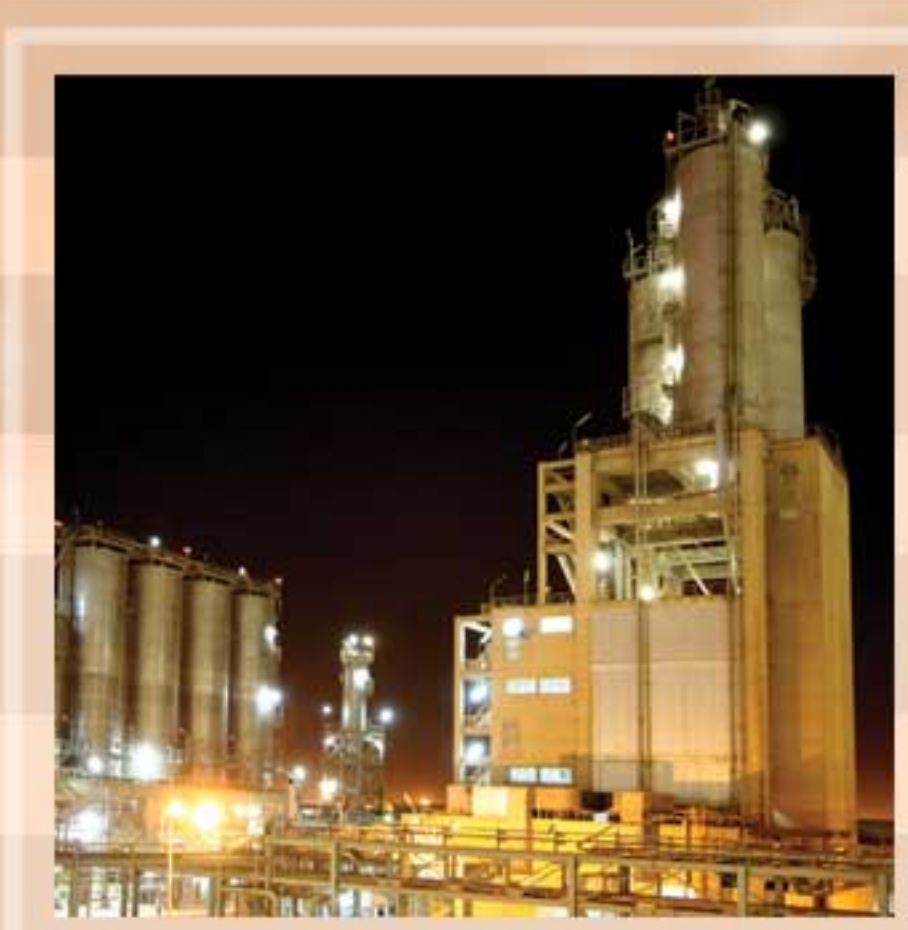
### **Application:**

- 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.
- 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)	Tolerance
Melt flow rate(230 °C, 2.16 Kg)	ASTM D 1238	gr/10 min	9	± 2
Vicat softening point ( 9.8 N)	ASTM D 1525	°C	155	± 4
H.D.T. (0.46 Mpa)	ASTM D 648	°C	115	± 10
Flexural modulus	ASTM D 790	MPa	1500	± 150
Tensile strength at yield	ASTM D 638	MPa	34	± 5
Elongation at yield	ASTM D 638	%	13	- 2
Izod impact strength( notched ) at 23° C	ASTM D 256	J/m	40	± 4
Rockwell hardness [R – B Scale]	ASTM D 785	R – B	71	± 10
Haze	MTM 17031	%	1	± 0.1
Gloss (45 °C)	MTM 17021	%	85	± 3

- 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 10, Aug. 2011)



Parslen ZH510M is suitable for food contact.