



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



## **Parslen ZH515MA**

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

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### Product Description:

- 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  $\mu\text{m}$ .
- Main characteristics of Parslen ZH515MA are faster processing, high transparency and high gloss.

### Application:

- 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) | 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       | 151      | $\pm 5$   |
| H.D.T. (0.46 MPa)                        | ASTM D 648  | ° C       | 95       | $\pm 8$   |
| Flexural modulus                         | ASTM D 790  | MPa       | 1200     | $\pm 120$ |
| Tensile strength at yield                | ASTM D 638  | MPa       | 32       | $\pm 5$   |
| Elongation at yield                      | ASTM D 638  | %         | 12       | -2        |
| Izod impact strength( notched ) at 23° C | ASTM D 256  | J/m       | 37       | $\pm 4$   |
| Rockwell hardness [R – B Scale]          | ASTM D 785  | R – B     | 100      | +20       |
| Haze                                     | MTM 17031   | %         | 2        | $\pm 0.5$ |
| Gloss                                    | MTM 17021   | %         | 80       | $\pm 5$   |

- 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 2008)



Parslen ZH515MA is suitable for food contact.