



NAVID ZAR CHIMI Ind. Co.
Polypropylene Manufacturer



Parslen ZB332C

Parslen ZB332C is a high molecular weight Heterophasic Polypropylene Copolymer for blow moulding and extrusion.

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Product Description

- Parslen ZB332C exhibits excellent heat and detergents resistance. And is designed to produce items with superior toughness, even at low temperature.
- Because of its excellent impact strength and its particular formulation, Parslen ZB332C is well suited for extrusion blow moulding appliance components, wheels, under-the-hood automotive parts, toolboxes, suitcases and large containers.

Application:

- Extrusion applications of Parslen ZB332C include profiles, pipes and tough sheet for industrial applications. Sheet produced with Parslen ZB332C is also well suited for thermoforming trays for cold storage.
- Parslen ZB332C can be compression moulded into thick sheet.



| Typical Properties [a,b] | Method | Unit | Value(a) | Tolerance |
|---|-------------|-----------|----------|-----------|
| Melt flow rate(230 ° C, 2.16 Kg) | ASTM D 1238 | gr/10 min | 0.35 | ± 0.05 |
| Melt flow rate(230 ° C, 5.0 Kg) | ASTM D 1238 | gr/10 min | 1.7 | ± 0.2 |
| Vicat softening point (9.8 N) | ASTM D 1525 | ° C | 150 | ± 5 |
| H.D.T. (0.46 Mpa) | ASTM D 648 | ° C | 80 | ± 8 |
| Flexural modulus | ASTM D 790 | MPa | 1100 | ± 120 |
| Tensile strength at yield | ASTM D 638 | MPa | 27 | ± 4 |
| Elongation at yield | ASTM D 638 | % | 15 | - 2 |
| Izod impact strength(notched) at 23° C | ASTM D 256 | J/m | 750 | ± 70 |
| Izod impact strength(notched) at -20° C | ASTM D 256 | J/m | 80 | ± 7 |
| Rockwell hardness [R – B Scale] | ASTM D 785 | R – B | 77 | ± 10 |

- 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 ZB332C is suitable for food contact.