



Parslen ZR340R

Parslen ZR340R is a nucleated, antistatic random copolymer used for injection moulding

Parslen ZR340R offers a very good flowability and an excellent transparency and organoleptic performance. Parslen ZR340R is typically used in the production of thin walled packaging with high transparency and high requirements for organoleptic properties.

Processing Method:

Injection molding

Injection stretch blow molding

Features:

Good Flowablity

Excellent Transparency

Nucleated

Antistatic

Typical Applications:

Household containers, housewares

Packaging for food, cosmetics and pharmaceutical products

Clear tubs and pots for ice cream, yoghurt and other desserts

Medical sector such as syringes, test tubes and vials

Lids, caps and closures

CD and DVD boxes

Injection stretch blow molded containers and bottles

Sports, leisure and toys

| Typical properties | Unit | Value | Tolerance | Method |
|--|----------------------|-------|-----------|------------|
| Melt Flow Rate (230°C, 2.16kg) | g/10min | 25 | ± 3 | ASTM D1238 |
| Flexural Modulus | MPa | 1050 | ± 100 | ASTM D790 |
| Tensile Strength at Yield | MPa | 28 | ± 4 | ASTM D638 |
| Tensile Elongation at Yield | % | 13 | ± 3 | ASTM D638 |
| Izod impact strength (notched) at 23°C | J/m | > 100 | - | ASTM D256 |
| Rockwell Hardness | R-Scale | 94 | + 10 | ASTM D785 |
| Vicat softening point | °C | 125 | ± 5 | ASTM D1525 |
| H.D.T. (0.45 MPa) | $^{\circ}\mathrm{C}$ | 83 | ± 8 | ASTM D648 |
| Haze (1 mm) | % | 15 | ± 3 | ASTM D1003 |
| Gloss | = | 75 | ± 8 | ASTM D2457 |

^{*} These are typical property values not to be construed as exact product specification.

^{**} All specimens are prepared by injection molding.