
Technical Datasheet

ZR340R

1) Product Description:

Parslen ZR340R is a superior high transparency random copolymer suitable for injection Polypropylene random copolymer with a high transparency and gloss and is designed for injection molding applications.

Parslen ZR340R is the material of choice for application where transparency is a primary requirement, such as household containers, videocassette boxes, lids, caps and packaging for food, cosmetics and pharmaceutical products. Parslen ZR340R is well suited for injection moulding, clear tubs and pots for icecream, yoghurt and other desserts.

Parslen ZR340R is also suitable for injection stretch blow moulded containers and bottles. This product combines good see through clarity and excellent moisture barrier properties with hot fill ability. Therefore Parslen ZR340R offers an effective alternative for PET and PVC for the packaging of non-oxygen sensitive products such as confectionary, herbs, toiletries and cosmetics.

2) Applications:

- ✓ This grade is most suitable for house ware, packaging of food and pharmaceutical products, syringes, test tube and vials, CD and DVD boxes and other extruded items where transparency is of prime importance.

3) Typical data:

PROPERTIES	TEST METHOD	UNIT	TYPICAL VALUE*
Melt flow rate (230°C/2.16 kg)	ASTM D-1238	gr/10min	25
Vicat Softening Point (9.8 N)	ASTM D-1525	°C	137
Elongation at yield	ASTM D-638	%	14
Tensile strength at yield	ASTM D-638	N/mm ²	28
Izod Impact strength (notched) at 23°C	ASTM D-256	KJ/m ²	5
H.D.T (0.46 MPa)	ASTM D-648	°C	94
Flexural modulus	ASTM D 790	N/mm ²	1050
Accelerated oven ageing in air(forced circulation) at 150°C	ASTM D 3012	hours	360
Haze	ASTM D 1003	%	≤22
Gloss	ASTM D 2457	%	≥73

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