



## **Parslen ZR340R**

**Parslen ZR340R is a Superior High Transparency Random Copolymer Suitable For Injection Moulding.**

### Product Description:

- Parslen ZR340R is a polypropylene random copolymer with a high melt flow and outstanding transparency and gloss and is designed for injection moulding 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 tube and pots for ice cream, 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.



### Application:

- 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.

Typical Properties (a,b)	Method	Unit	Value(a)	Tolerance
Melt flow rate(230 °C, 2.16 Kg)	ASTM D 1238	g/10 min	25	±3
Vicat softening point (9.8 N)	ASTM D 1525	°C	137	±5
H.D.T. (9.48 MPa)	ASTM D 648	°C	94	±8
Flexural modulus	ASTM D 790	N/mm <sup>2</sup>	1928	+100
Tensile strength at yield	ASTM D 638	N/mm <sup>2</sup>	28	±4
Elongation at yield	ASTM D 638	%	14	-3
1000 Impact strength( notched ) at 23°C	ASTM D 256	KJ/m <sup>2</sup>	5	+0.5
Accelerated oven ageing (in air forced circulation) at 100°C	ASTM D 3070	hours	368	+10
Haze	ASTM D 1003	%	122	—
Glow(Haze)	ASTM D 2457	%	173	—

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 05, August 2015)