CO POLYMER

ZR 348 U

“Parslen ZR348U” is a new random copolymer featuring very high fluidity. It is suitable for injection molding applications. “Parslen ZR348U” is nucleated and contains mold release additive. “Parslen ZR348U” exhibits very high fluidity while maintaining the standard stiffness – impact balance of a lower melt flow random copolymer. The product exhibits very good transparency and gloss. This grade has a blue shadow.

“Parslen ZR348U” can be used in housewares and in food packaging. Its high fluidity allows short processing cycle times, molding of very thin wall items and very complex geometry.

Processing Method : Injection moulding.

Features : Very high fluidity , Excellent Transparency ,Nucleated ,Antistatic.

Typical Applications : Very thin wall Items, Sports, Leisure and Toys,Housewares,-Clear Containers.

Typical properties	Unit	Value	Tolerance	Method
Melt Flow Rate (230°C, 2.16kg)	g/10min	75	± 8	ASTM D1238
Flexural Modulus	MPa	1150	± 100	ASTM D790
Tensile Strength at Yield	MPa	30	± 4	ASTM D638
Tensile Elongation at Yield	%	12	± 3	ASTM D638
Izod impact strength (notched) at 23°C	J/m	> 100	-	ASTM D256
Rockwell Hardness	R-Scale	90	+ 10	ASTM D785
Vicat softening point	°C	130	± 5	ASTM D1525
H.D.T. (0.45 MPa)	°C	80	± 8	ASTM D648
Haze (1 mm)	%	15	± 5	ASTM D1003
Gloss	-	80	± 8	ASTM D2457

SURIN
Sustainable Trade . . .

CO POLYMER

Property	Unit	Typical Value	Test Method
MFI	Dg/min	25	ISO 1133
Density	g/cm^3	0,9	ISO 1183
Flexural Modulus	N/mm^2	1550	ISO 178
Tensile	N/mm^2	35	ISO R 527
Elongation at Yield	%	13	ISO R 527
Izod Impact strength (notched) at 23 °C	Kj/m^2	3	ISO 180
Hardness Shore D	point	72	ISO 868
Vicat softening point (9.8 N)	°C	155	ISO 306/A
H.D.T (0.46 Mpa)	°C	118	ISO 75/B

SURIN