



## Parslen ZR348U

Parslen ZR348U is a nucleated, antistatic random copolymer with narrow molecular weight distribution used for injection moulding

"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 molding

### 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

\* These are typical property values not to be construed as exact product specification.

\*\* All specimens are prepared by injection molding.