



Parslen ZR248G

Parslen ZR248G is a nucleated, antistatic and UV stabilized random copolymer used for blown molding

Parslen ZR248G is a modified polypropylene random copolymer designed for blow molding and sheet & film extrusion. The product imparts excellent clarity and gloss that may be further enhanced through orientation processes (i.e. injection stretch blow molding.)

Processing Method:

Blow molding
Extrusion (Sheet)

Features:

Excellent clarity
Excellent gloss
Good Chemical Resistance
High ESCR (Environmental Stress Cracking Resistance)



Typical Applications:

Bottles for detergents and toiletries
Double Bubble Shrink Film
Stationery folders
Thermoforming articles such as trays for fresh pasta, sweets, biscuits...



Typical properties	Unit	Value	Tolerance	Method
Melt Flow Rate (230°C, 2.16kg)	g/10min	1.5	± 0.3	ASTM D1238
Flexural Modulus	MPa	950	± 100	ASTM D790
Tensile Strength at Yield	MPa	27	± 3	ASTM D638
Tensile Elongation at Yield	%	13	± 3	ASTM D638
Izod impact strength (notched) at 23°C	J/m	120	± 10	ASTM D256
Rockwell Hardness	R-Scale	85	+ 10	ASTM D785
Vicat softening point	°C	135	± 5	ASTM D1525
H.D.T. (0.45 MPa)	°C	85	± 10	ASTM D648
Haze (1 mm)	%	35	± 4	ASTM D1003
Gloss	-	65	± 7	ASTM D2457

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

** Parslen ZR248G is suitable for food contact

***All specimens are prepared by injection molding.