

Technical Data Sheet

PP RP 210G

Polypropylene Copolymer

RP210G is a medium modified polypropylene random copolymer designed for blow moulding and sheet & film extrusion. It offers low density, stress cracking resistance and high chemical resistance. Main applications of RP210G are extrusion of film for packaging & sheet for stationery folders and displays, the extrusion blow moulding of high gloss monolayer bottles, clear or pigmented, for the packaging of cosmetics, detergents, chemicals and food-stuffs.

Applications

RP210G is suitable for food contact.

Properties	Test Method	Units	Value
Melt flow rate(230° c.2.16 Kg)	ASTM D1238/L	gr/10 min	1.8
Flexural modulus	ASTM D 790	MPa	1000
Notched Izod Impact@23°C	ASTM D 256	J/M	120
Tensile strength at yield	ASTM D 638	MPa	27
Elongation@Yield	ASTM D 638	%	13
Vicat softening point (10 N)	ASTM D 1525	°c	135
H.D.T. (0.46 N/mm ²)	ASTM D 648	°c	78
Rockwell Hardness	ASTM D 785	R.Scale	86
Oven Aging@150°C	ASTM D 3012	Hours	360
Haze	ASTM D 1003	%	32
Gloss	D523	Rating	65