

Technical Datasheet RP270G

1) Product Description:

RP270G is a medium modified polypropylene random copolymer specifically designed for blow molding and sheet extrusion and complies with the European Pharmacopeia. RP270G offers excellent processability in extrusion blow molding and can be converted on form-fill-seal equipment. The product is also suitable for the extrusion of film and sheet for thermoforming. RP270G offers a good impact strength, good clarity and high chemical resistance. RP270G is suitable for food contact.

2) Applications:

- Bottles, Consumer Applications, Medical Packaging, Medical/Healthcare Applications, Sheet, Pharmaceuticals, Film

3) Typical data:

PROPERTY	TEST METHOD	UNIT	TYPICAL VALUE*
Melt Flow Rate (230 °C, 2.16kg)	ASTM D 1238	g/10min	1.8
Density	ASTM D 1505	g/cm ³	0.9
Flexural Modulus	ASTM D 790	MPa	1500
Tensile Strength at Yield	ASTM D 638	MPa	27
Tensile Elongation at Yield	ASTM D 638	%	13
Izod Impact Strength (notched) at 23 °C	ASTM D 256	J/m	120
Rockwell Hardness	ASTM D 785	R Scale	86
Vicat softening point (10N)	ASTM D 1525	°C	135

* Typical values not to be construed as specifications.