



Purell RP271G

Polypropylene, Random Copolymer

Product Description

Low Melt Flow Polypropylene Random Copolymer Resin with High Clarity Dedicated for Medical Application in Particular IV Bottles Made by Extrusion Blow Molding Process (EBM)

Product Characteristics

Status	Commercial: Active
Test Method used	ASTM
Availability	Asia-Pacific, Australia/NZ, Africa-Middle East
Processing Methods	Extrusion Blow Molding
Features	High Clarity, Random Copolymer
Typical Customer Applications	Bottles For Consumer Goods, Healthcare Applications, Pharmaceutical

Typical Properties	Method	Value	Unit
Physical			
Density -Specific Gravity	ASTM D 792	0.90	g/cm ³
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	1.7	g/10 min
Mechanical			
Flexural Modulus (Procedure A)	ASTM D 790	900	MPa
Tensile Strength @ Yield	ASTM D 638	26	MPa
Tensile Elongation @ Yield	ASTM D 638	14	%
Impact			
Notched Izod Impact (23 °C, Method A)	ASTM D 256	80	J/m
Thermal			
Heat deflection temperature at 0.46 N/mm ²	ASTM D 648	88	°C

Notes

Typical properties; not to be construed as specifications.

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- Equistar Chemicals, LP
- Basell Sales & Marketing Company B.V.
- Basell Asia Pacific Limited
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