

Purell RP171G, RP271G & RP271M

Random Copolymer Polypropylene for IV disposables

Product Description

Purell RP271G & Purell RP271M

Polypropylene random copolymers specifically designed for medical packaging and medical devices offering good transparency and impact resistance.

RP271G and RP271M meet the requirements of US Pharmacopeia Class VI, European Pharmacopeia and Drug Master File listing.

Purell RP171G

RP171G is HMC Polymers' latest development offering excellent transparency, softness and impact resistance with a good high-temperature resistance to IV fluid bottles and bags.

RP171G meets the requirements of US Pharmacopeia Class VI and Drug Master File listing.

Key Features

- High Purity
- Good transparency
- Good impact resistance
- Good sealability

Typical Applications

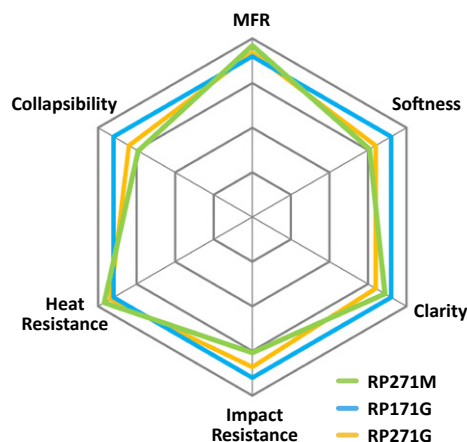
- IV and IR fluid bottles
- IV bags, CAPD bags
- Eurohead caps
- Connectors for IV bottles and bags

For More Information

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Properties	Method	RP171G	RP271G	RP271M
MFR @ 2.16 kg (g/10min)	ASTM 1238	1.5	1.7	8
Tensile Strength @ yield (MPa)	ASTM 638	22	26	27
Flexural Modulus (MPa)	ASTM 790	650	900	1,030
Izod Impact Strength @ 23°C (J/m)	ASTM 256	100	80	50
HDT @455 kPa (°C)	ASTM 648	76	88	90
Medical Compliance	–	USP, DMF	USP, EP, DMF	USP, EP, DMF
Conversion Process	–	EBM	EBM, ISBM	ISBM
Sterilization Method	–	Steam, ETO	Steam, ETO	Steam, ETO



You can find out more by visiting our website at: www.hmcpolymers.com

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