

Purell RP375RT

Random Copolymer Polypropylene for Syringes and Medical Devices

Responding to the growing healthcare industry demand for syringes and labware, HMC Polymers has developed the PP random copolymer grades – *Purell* RP375RT.

Product Description

Purell RP375RT

Purell RP375RT is formulated for radiation/ETO/steam sterilization.

Purell is a dedicated product portfolio for the healthcare industry produced with strict operating procedures for manufacturing operations, consistency of product formulation and controls for change management.



KEY FEATURES

Random copolymer PP grades produced using 5th generation non-phthalate catalyst with

- Melt flow rate of 25g/10min
- Good stiffness and impact balance
- Good transparency
- Sterilizable

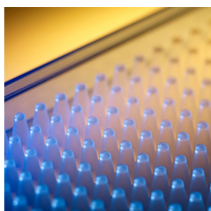
TYPICAL APPLICATIONS

- Syringes
- Centrifuge tubes
- Pipette tips
- Diagnostic equipment

Properties	Method	RP375RT
MFR @ 2.16 kg (g/10min)	ASTM 1238	25
Tensile Strength @ yield (MPa)	ASTM 638	30
Flexural Modulus (MPa)	ASTM 790	1,200
Izod Impact Strength @ 23°C (J/m)	ASTM 256	45
HDT @455 kPa (°C)	ASTM 648	90
Medical Compliance	-	USP, DMF
Conversion Process	-	Injection
Sterilization Method	-	Radiation

FOR MORE INFORMATION

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

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