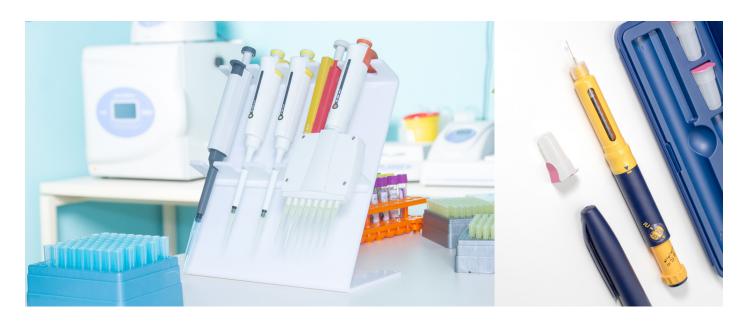


# Purell EA678P

### PP for medical device components



*Purell* EA678P is a new polypropylene (PP) heterophasic copolymer, produced with a non-phthalate based catalytic system and without animal derived components.

*Purell* EA678P exhibits an excellent balance of toughness and high stiffness, combined with good processability, for use in a very broad range of Healthcare applications, where high mechanical properties are required. It also meets the requirements of Healthcare applications produced with injection molding conversion technology.

As part of the *Purell* family of grades, this product benefits from LyondellBasell *Purell* Service Concept, developed for customers in the pharmaceutical and healthcare industry.

#### **Product benefits**

- Good flowability, for easy injection molding conversion
- Outstanding physical/mechanical balance of properties
- High Rigidity

### Some typical applications







Medical devices components



Oral care



Medical caps and closures

#### **Resin Properties**

Typical properties	Method	Value	Unit
MFR (@ 230°C/2.16kg)	ISO 1133	18	g/10min
Tensile Modulus	ISO 527-1,-2	1700	MPa
Charpy Notched Impact (23 °C)	ISO 179	6.5	kJ/m²
Charpy Notched Impact (-20 °C)	ISO 179	2.5	kJ/m²

Note: Typical properties, not to be considered as specifications

## About us

We are LyondellBasell (LYB) – a leader in the global chemical industry creating solutions for everyday sustainable living. Through advanced technology and focused investments, we are enabling a circular and low carbon economy. Across all we do, we aim to unlock value for our customers, investors and society. As one of the world's largest producers of polymers and a leader in polyolefin technologies, we develop, manufacture and market high-quality and innovative products for applications ranging from sustainable transportation and food safety to clean water and quality healthcare. For more information, please visit <a href="https://www.lyb.com">www.lyb.com</a> or follow @LyondellBasell on LinkedIn.

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