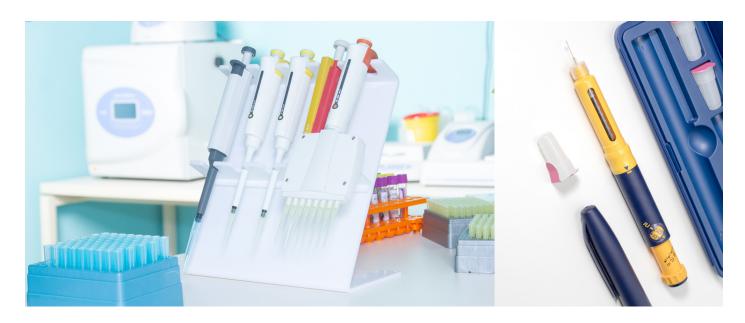


Purell EA678P

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 www.lyb.com or follow @LyondellBasell on LinkedIn.

Before using a product sold by a company of the LyondellBasell family of companies ("LyondellBasell"), users should make their own independent determination that the product is suitable for the intended use and can be used safely and legally. LyondellBasell MAKES NO WARRANTY, EXPRESS OR IMPLIED (INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) OTHER THAN AS AGREED TO BY LyondellBasell IN THE PRODUCT SALES CONTRACT. LyondellBasell prohibits or restricts the use of its products in certain applications. For further information on restrictions or prohibitions of use, please contact a LyondellBasell representative.

Users should review the applicable Material Safety Data Sheet before handling the product.

Purell is a trademark owned or used by the LyondellBasell family of companies and is registered in the U.S. Patent and Trademark Office.

For more information, please contact us at EU.Polymers@lyb.com or visit www.lyb.com.

