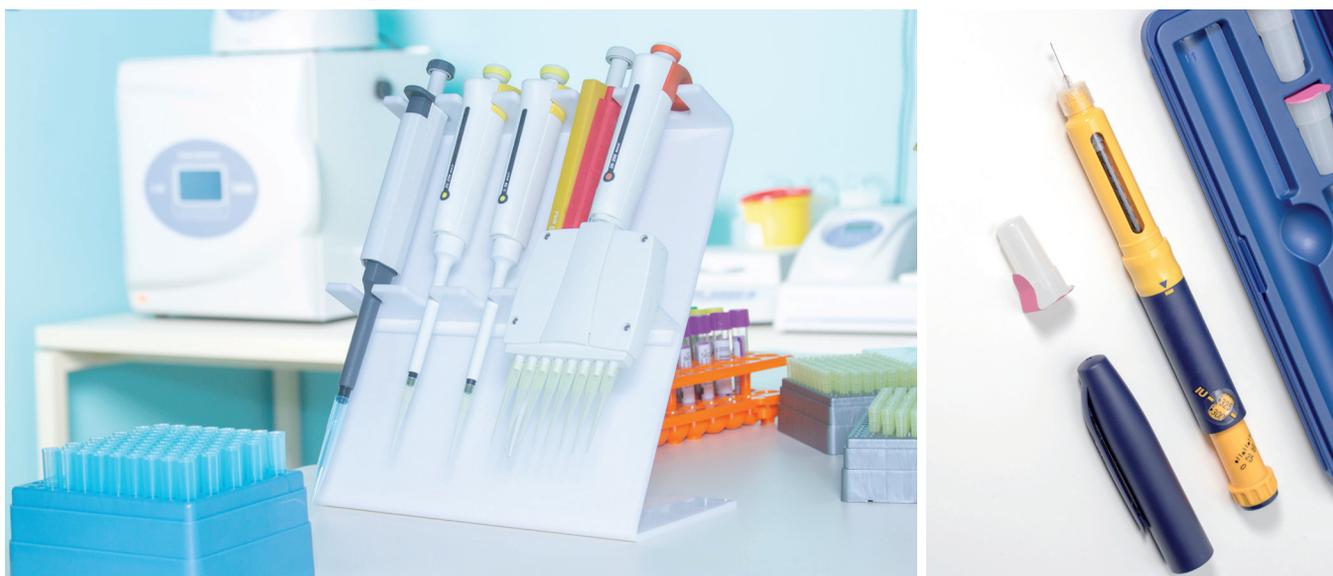


## Purell grade EA678P PP for medical device components



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



Autoinjectors,  
Insulin pens



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/m <sup>2</sup>
Charpy Notched Impact (-20 °C)	ISO 179	2.5	kJ/m <sup>2</sup>

Note: Typical properties, not to be considered as specifications

# ABOUT US

**LyondellBasell (NYSE: LYB)** is one of the largest plastics, chemicals and refining companies in the world. Driven by its employees around the globe, LyondellBasell produces materials and products that are key to advancing solutions to modern challenges like enhancing food safety through lightweight and flexible packaging, protecting the purity of water supplies through stronger and more versatile pipes, improving the safety, comfort and fuel efficiency of many of the cars and trucks on the road, and ensuring the safe and effective functionality in electronics and appliances. LyondellBasell sells products into more than 100 countries and is the world's largest producer of polypropylene compounds and the largest licensor of polyolefin technologies.

**More information about LyondellBasell can be found at [www.LyondellBasell.com](http://www.LyondellBasell.com).**

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

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