

Purell PP solutions for tablet blister packaging

Plastic blister packaging offers a portable solution that is tamper-evident and resistant to moisture, ensuring your product remains protected from damage. As environmental awareness grows, consumers are increasingly seeking sustainable packaging options that can be easily recycled alongside everyday household waste.



Introducing Purell HP572M and Purell HP476J

Purell HP572M and Purell HP476J are innovative polypropylene (PP) homopolymers, produced using a non-phthalate based catalytic system and free from animal-derived components, making them ideal for plastic blister packaging.

Resin properties

Description	Unit	Purell HP572M	Purell HP476J
EP 3.1.3.	—	Yes	Yes
Melt Flow Rate	g/10'	7.5	3.5
Tensile Modulus	MPa	1450	1450
Charpy Impact	KJ/m2	4,5	7
Melting temperature	°C	162	162
Haze 1mm sheet	%	39	37
WVTR 38°C, 90% humidity (300 µm film)	g/m2/day	0.8	0.8

Note: Typical properties, not to be considered as specifications

Product benefits

Compared to traditional blister packaging materials, Purell HP572M and Purell HP476J provide several advantages:

- **Recyclability:** Easily recyclable, supporting sustainability efforts.
- **Water vapor barrier:** Excellent protection against moisture.
- **Enhanced durability:** Superior resistance to impact and wear.
- **Chemical resistance:** Maintains the integrity of the packaged product.
- **Transparency:** Clear visibility of the product inside.

As part of the Purell family of grades, these products benefit from the LYB Purell service concept, tailored for customers in the pharmaceutical and healthcare industries.

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](https://www.linkedin.com/company/lyondellbasell) on LinkedIn.

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