

Purell HP548N

Improved rigidity for healthcare applications



Typical Properties	Method	Value	Unit
MFR (@ 230°C/2.16kg)	ISO 1133	11	g/10min
Modulus of Elasticity	ISO 527	1700	MPa
Charpy notch. 23°C	ISO 179	2.5	kJ/m²
HDT (0.46N)	ISO 75-2	95	°C

Note: Typical properties, not to be considered as specifications

LyondellBasell has extended its *Purell* product range for healthcare applications with the new grade *Purell* HP548N, which outperforms standard polypropylene grades by offering improved stiffness. This property is highly appreciated by customers when rigidity is required in applications for pharmacy, healthcare, laboratory and diagnostics segments.

Purell HP548N is an ideal homopolymer for injection molding technology, exhibiting good rheological properties, nucleation and antistatic additivation. This new grade offers an optimized balance between fluidity, stiffness and crystallization behavior, which provides advantages during processing.

Features and Benefits

- I Good stiffness
- Faster crystallization kinetics
- Improved cycle time
- I Long term antistatic behavior
- I Good flowability
- I Good aesthetics
- I Complies with certain EP monographs and USP tests applicable to plastic materials (in progress). For more information please refer to our company Product Stewardship Bulletin (PSB)

Some typical applications

- Vials
- Pill strips
- Medical devices
- Syringe plungers
- Rigid containers

The *Purell* family of grades offers industry-defining products based on LyondellBasell's pioneering resin and manufacturing technology developments.

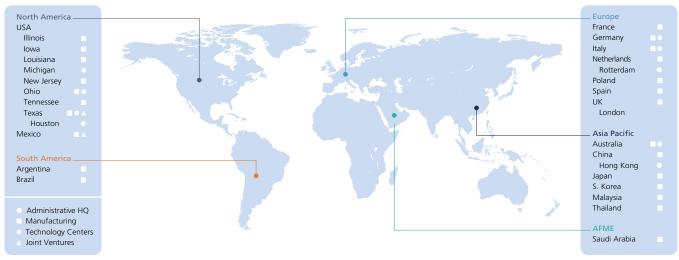
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About LyondellBasell

LyondellBasell is one of the world's largest plastics, chemical and refining companies. We are the largest producer of polypropylene and polypropylene compounds; a leading producer of propylene oxide, polyethylene, ethylene and propylene; a global leader in polyolefins technology; and a producer of refined products, including biofuels.

LyondellBasell products and technologies are used to make items that improve the quality of life for people around the world including packaging, electronics, automotive components, home furnishings, construction materials and biofuels.

Global Reach



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Our Product Lines And The End Markets We Serve...



