

Moplen HP 2409 Developmental Polypropylene

High Performance Stiffness and Transparency For Sheet Extrusion, Thermoforming And Compounding Applications

Today's transparent food containers require an optimum balance of stiffness and clarity to secure their contents while providing consumer shelf appeal. That's why LyondellBasell has launched *Moplen* HP 2409, a developmental polypropylene grade that offers expanded performance beyond traditional grades.

Product Benefits

- Very high stiffness which increases durability
- Outstanding transparency
- Exceptional gloss
- Good dimensional stability at high temperatures
- Customers also select *Moplen* HP 2409 as a value-adding compound for applications requiring improved stiffness

Potential Customer Applications

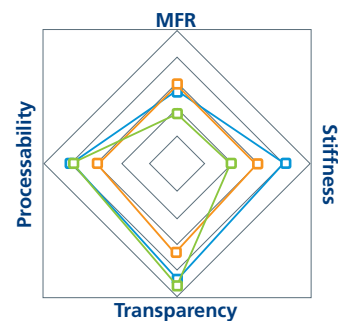
- Trays and containers
- Transparent packaging
- Food packaging
- Transparent drinking cups
- Compounding

Compared to standard homopolymers, *Moplen* HP2409 offers improved impact strength at room temperatures, along with enhanced stiffness and transparency – enabling material savings potential through wall thickness reduction of thermoformed items.



Moplen HP2409 Resin Properties

Density (g/cm ³)	0.9
MFR(g/10mn@230°C 2.16 kg) Iso 1133	3.0
Tensile modulus (Mpa) Iso 527	1950
Haze on 1mm plaque (%) ASTM D1003	17



■ Moplen HP 2409 ■ Standard PP.H ■ Standard PP.R

You can find out more about us by visiting our website at : lyondellbasell.com

Before using a product sold by one of the LyondellBasell family of companies, users should make their own independent determination that the product is suitable for the intended use and can be used safely and legally. SELLER MAKES NO WARRANTY; EXPRESS OR IMPLIED (INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) OTHER THAN AS SEPARATELY AGREED BETWEEN THE PARTIES IN WRITING. This product(s) may not be used in the manufacture of any US FDA Class III Medical Device or Health Canada Class IV Medical Device and may not be used in the manufacture of any US FDA Class II Medical Device or Health Canada Class II or Class III Medical Device without the prior written approval by Seller of each specific product or application. Users should review the applicable Material Safety Data Sheet before handling the product.