

Metocene HM648T

Metocene HM648T is a high-performance, metallocene-catalyzed polypropylene homopolymer designed for thin wall injection molding (TWIM). This advanced material offers a unique combination of mechanical and optical properties that make it ideal for a wide range of applications, while ensuring exceptionally safe packaging.

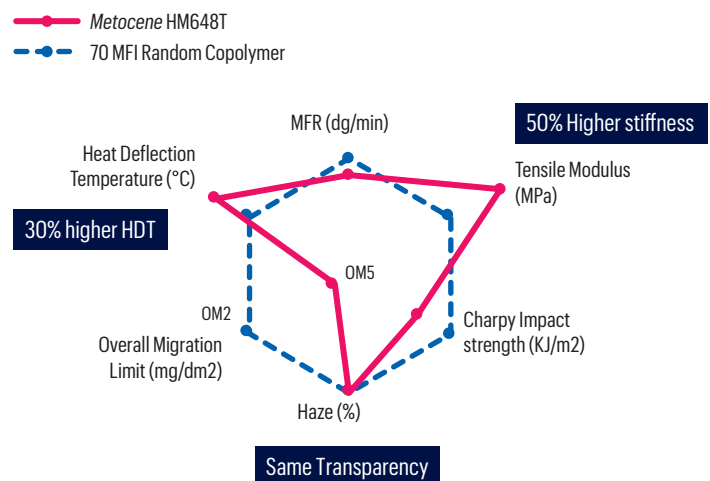
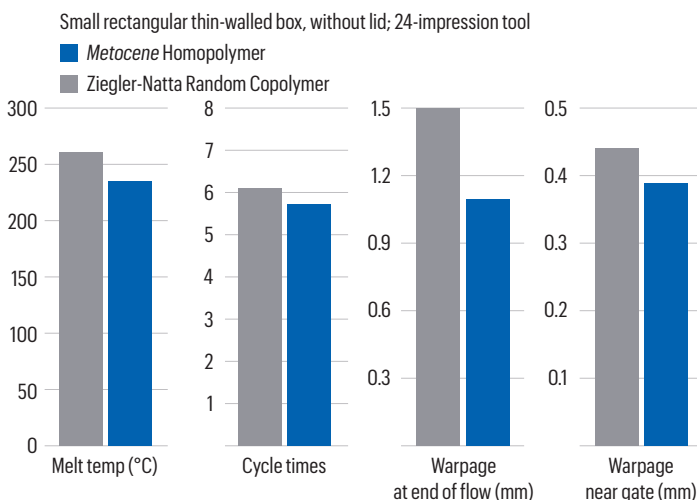


Key attributes

- Processing ease, reduced cycle times and lower warpage
- Superior stiffness enabling significant downgauging in rigid packaging
- Superior regulatory compliance - Phthalate free, BMMF* free, NADA**
- Suitable for high temperature applications up to 121°C (simulant D2, repeated contact mode)

Applications

- **Food packaging:** Ideal for containers, cups, lids and closures that require low odor and taste.
- **Cosmetics and personal care:** Perfect for packaging that demands high clarity and aesthetic appeal.
- **Housewares:** Suitable for various household items that benefit from its excellent stiffness and transparency.



*BMMF = 9,9-bis(methoxymethyl)-9H-fluorene not intentionally used

**NADA = Non-Animal Derived Additives

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.

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 SALE 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 Safety Data Sheet before handling the product.

Metocene is a trademark owned and/or used by the LyondellBasell family of companies.