



Moplen HP649T

A high flow polypropylene homopolymer for thin wall injection moulding (TWIM)

Moplen HP649T is a high flow PP homopolymer with an excellent stiffness/impact balance and superior clarity for thin wall injection moulding.

Moplen HP649T PP HOMO grade was developed for manufacturers seeking a resin which offers the right balance of processability in combination with superior end-use properties in thin wall injection moulding (TWIM) applications.

In addition, *Moplen* HP649T, has been designed to provide excellent flow behaviour suitable for high speed injection processes and delivers an excellent stiffness/impact balance with high transparency and gloss.

KEY FEATURES

Superior optical properties

- High clarity
- Excellent Gloss
- Excellent shelf appearance

Excellent stiffness/impact balance

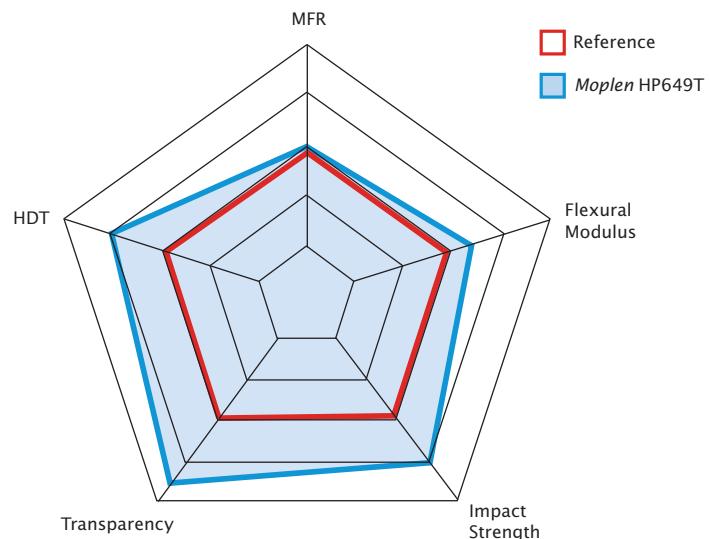
- Excellent dimensional stability
- Reduced cup breakage
- Superior stackability

Excellent Processability

- Easy mould filling thanks to high melt flow
- Processes with low built-in stress
- Designed for high speed lines

Cost efficiency

- Fast crystallization behaviour reduces cycle time
- High throughput capability



PROPERTIES

- Easy processing allows increased design freedom
- Excellent dimensional stability
- Easy flow and excellent stiffness
- Allows downgauging
- Good impact/stiffness balance
- Improved transparency and gloss

TYPICAL APPLICATIONS

- Food containers
- Drinking cups
- Thin and complex parts

FOR MORE INFORMATION

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You can find out more by visiting our website at: hmcpolymers.com

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