

Moplen HP740T

Homopolymer



Product Description

Moplen HP740T is a nucleated polypropylene HOMO polymer manufactured by PMC under the license of Lyondellbasell using the Spheripol process. Moplen HP740T is a homopolymer selected by customers for use in thin wall injection molding for packaging, food tray. Moplen HP740T meets the FDA requirement in the code of Federal Regulations in 21 CFR 177.1520 for food contact.

Features	Outstanding flowability/ High transparency and Gloss/ High Stiffness
Market	Rigid Packaging, Consumer Products
Application	Food tray/ Plastic file/ Drinking cup / DVD Case

ASTM Data			
Typical Properties	Nominal Value	Units	Test Method
Melt Flow Rate (230°C, 2.16kg)	60	g/10 min	ASTM D1238L
Density	0.9	g/cm ³	ASTM D1505
Flexural Modulus	18000	kg/cm ²	ASTM D790
Tensile Strength at Yield	370	kg/cm ²	ASTM D638
Elongation at Yield	10	%	ASTM D638
Izod Impact Strength (23°C)	2	kgcm/cm	ASTM D256
Rockwell Hardness	105	R-Scale	ASTM D785
Vicat Softening Point	151	°C	ASTM D1525
HDT (0.46 N/mm ²)	125	°C	ASTM D648

1) The above values are typical property values for reference only not be construed as specification limits.

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- iv. lead, asbestos or MTBE related applications.

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- iv. packaging in direct contact with an active pharmaceutical ingredient and/or dosage form that is intended for inhalation, injection, intravenous, nasal, ophthalmic (eye), digestive, or topical (skin) administration;
- v. tobacco related products and applications;
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