

Moplen HP5032

Homopolymer



Product Description

Moplen HP5032 is a high crystallinity polypropylene homopolymer. It is typically used by customers in cast film application where Good transparency, thermal characteristics, and no fisheye are required. Moplen HP5032 contains slip and antiblocking agents and is suitable for General Purpose films. Moplen HP5032 is suitable for food contact.

Features	Good processability/Good optical properties/Good Stiffness
Market	Flexible Packaging
Application	General purpose CPP/Food and clothes packaging

ASTM Data			
Typical Properties	Nominal Value	Units	Test Method
Melt Flow Rate (230°C, 2.16kg)	8	g/10 min	ASTM D1238L
Density	0.9	g/cm ³	ASTM D1505
Flexural Modulus	16000	kg/cm ²	ASTM D790
Tensile Strength at Yield	350	kg/cm ²	ASTM D638
Elongation at Yield	10	%	ASTM D638
Izod Impact Strength (23°C)	2	kgcm/cm	ASTM D256
Rockwell Hardness	100	R-Scale	ASTM D785
Vicat Softening Point	155	°C	ASTM D1525
HDT (0.46 N/mm ²)	110	°C	ASTM D648

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

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- iii. film, overwrap and/or product packaging that is considered a part or component of one of the aforementioned Medical Devices;
- 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;
- vi. electronic cigarettes and similar devices; or
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