

Moplen HP622J

Homopolymer



Product Description

Moplen HP622J is the polypropylene homopolymer manufactured by PMC under the license of BASELL using the Spheripol process. *Moplen* HP622J is a homopolymer particularly suitable for Metallizable BOPP(Tender) film. *Moplen* HP622J is a BOPP core layer resin designed to combine the benefits of high speed grades with general purpose and metallisable grades. *Moplen* HP622J resin meets the FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for food contact.

Features Excellent processability and stretchability/High stiffness and strength/Good barrier properties/Good optical properties/Excellent Metallizability/Wide operating window

Market Flexible Packaging

Application BOPP film for High speed BOPP line/General purpose film/Metallizable BOPP film/Cigarette film

ASTM Data			
Typical Properties	Nominal Value	Units	Test Method
Melt Flow Rate (230°C,2.16kg)	3	g/10 min	ASTM D1238L
Density	0.9	g/cm3	ASTM D1505
Flexural Modulus	16000	kg/cm2	ASTM D790
Tensile Strength at Yeild	370	kg/cm2	ASTM D638
Elongation at Yeild	12	%	ASTM D638
Izod Impact Strength (23°C)	4	kgcm/cm	ASTM D256
Rockwell Hardness	95	R-Scale	ASTM D785
Vicat Softening Point	146	°C	ASTM D1525
HDT (0.46 N/mm²)	105	°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;
- vi. electronic cigarettes and similar devices; or
- vii. pressure pipe or fittings that are considered a part or component of a nuclear reactor

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