

Moplen HP622J

Homopolymer



Product Description

Moplen HP622J is the polypropylene homopolymer manufactured by PMC under the license of BASSELL 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 metallizable 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/mm ²)	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. 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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