

Moplen HP623J

Homopolymer



Product Description

Moplen HP623J is the polypropylene homopolymer manufactured by PMC under the license of BASELL using the Spheripol process. Moplen HP623J is a homopolymer suitable for Paper lamination BOPP film. Moplen HP623J is a BOPP core layer resin designed to combine the benefits of high speed grades with Paper lamination purpose

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

Market Flexible Packaging

Application BOPP film for High speed BOPP line/Paper lamination 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/cm ³	ASTM D1505
Flexural Modulus	15500	kg/cm ²	ASTM D790
Tensile Strength at Yield	360	kg/cm ²	ASTM D638
Elongation at Yield	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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