

Moplen HP625J

Homopolymer



Product Description

Moplen HP625J is the polypropylene homo polymer manufactured by PolyMirae using Spheripol process technology licensed from LyondellBasell. Moplen HP625J is designed for BOPP film application with the benefit of high speed processing in general purpose film. Moplen HP625J resin meets the FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for food contact.

Features	Good balance between stiffness and stretchability/ Excellent processability and Metallizability/ High speed
Market	Flexible Packaging
Application	BOPP / general purpose 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	15000	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

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