

# Moplen HP522H

Homopolymer



## Product Description

Moplen HP522H is the polypropylene homopolymer manufactured by PMC under the license of Lyondellbasell using the Spheripol process. Moplen HP522H is a homopolymer particularly suitable for Metallizable BOPP film. Moplen HP522H 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

**Market** Flexible Packaging

**Application** General purpose film/ Metallizable BOPP film/ Cigarette film

## ASTM Data

Typical Properties	Nominal Value	Units	Test Method
Melt Flow Rate (230°C,2.16kg)	2	g/10 min	ASTM D1238L
Density	0.9	g/cm <sup>3</sup>	ASTM D1505
Flexural Modulus	15500	kg/cm <sup>2</sup>	ASTM D790
Tensile Strength at Yeild	370	kg/cm <sup>2</sup>	ASTM D638
Elongation at Yeild	12	%	ASTM D638
Izod Impact Strength (23°C)	5	kgcm/cm	ASTM D256
Rockwell Hardness	98	R-Scale	ASTM D785
Vicat Softening Point	155	°C	ASTM D1525
HDT (0.46 N/mm <sup>2</sup> )	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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