

Moplen HP622J

Polypropylene Homopolymer

LyondellBasell Industries

Message:

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.

General Information			
Features	Rigid, good		
	Optical		
	Workability, good		
	Good strength		
	Compliance of Food Exposure		
	General		
	Barrier resin		
Uses	Bi-axially Oriented Film		
	Films		
	General		
Agency Ratings	FDA 21 CFR 177.1520		
RoHS Compliance	RoHS compliance		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0	g/10 min	ASTM D1238
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	95		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield, Injection Molded)	36.3	MPa	ASTM D638
Tensile Elongation (Yield, Injection Molded)	12	%	ASTM D638
Flexural Modulus (Injection Molded)	1570	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, Injection Molded)	39	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed, Injection Molded)	106	°C	ASTM D648
Vicat Softening Temperature	146	°C	ASTM D1525

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Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

