

Moplen HP624J

Polypropylene Homopolymer

PolyMirae

Message:

Moplen HP624J is the polypropylene homopolymer manufactured by PMC under the license of BASELL using the Spheripol process.
Moplen HP624J is a homopolymer suitable for Printable BOPP film.
Moplen HP624J is a BOPP core layer resin designed to combine the benefits of high speed grades with general purpose
Moplen HP624J resin meets the FDA requirements in the Code of Federal Regulations in 21 CFR 177.1520 for food contact.

General Information			
Features	Barrier Resin		
	Excellent Printability		
	Food Contact Acceptable		
	General Purpose		
	Good Processability		
	High Stiffness		
	High Strength		
	Opticals		
Uses	Bi-axially Oriented Film		
	Film		
	General Purpose		
Agency Ratings	FDA 21 CFR 177.1520		
RoHS Compliance	RoHS Compliant		
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)	35.3	MPa	ASTM D638
Tensile Elongation (Yield, Injection Molded)	12	%	ASTM D638
Flexural Modulus (Injection Molded)	1520	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)	108	°C	ASTM D648

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