

Moplen HP623J

Polypropylene Homopolymer

PolyMirae

Message:

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

General Information			
Features	Barrier Resin		
	Good Processability		
	High Stiffness		
	High Strength		
	Opticals		
Uses	Bi-axially Oriented Film		
	Laminates		
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
Vicat Softening Temperature	146	°C	ASTM D1525

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