Technical Data Sheet

Moplen HP622J

Polypropylene, Homopolymer

Product Description

Moplen HP622J is a polypropylene with excellent processability and stretchability, high stiffness, good optical propertis, excellent metallizbility and wide operating window. Typical customer applications are BOPP films for general purpose or cigarette films, processed in high speed tender process, applicable also to metallisable BOPP.

Regulatory Status

For regulatory compliance information, see *Moplen* HP622J Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Availability	Africa-Middle East; Asia-Pacific; Australia and New Zealand
Application	Food Packaging Film; Lamination Film
Market	Consumer Products; Flexible Packaging
Processing Method	BOPP
Attribute	Good Processability; Good Stretchability; High Stiffness; Homopolymer

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	3	g/10 min	ASTM D1238
Density	0.90	g/cm³	ASTM D792
Mechanical			
Flexural Modulus	1600	MPa	ASTM D790
Tensile Strength at Yield	37	MPa	ASTM D638
Tensile Elongation at Yield	12	%	ASTM D638
Impact			
Notched Izod Impact Strength, (23 °C)	40	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	95		ASTM D785
Thermal			
Vicat Softening Point	146	°C	ASTM D1525
Deflection Temperature Under Load, (0.46 N/mm²)	106	°C	ASTM D648

Manufacturer website: https://www.polymirae.com/

Notes

These are typical property values not to be construed as specification limits.

Company Information

For further information regarding the LyondellBasell company, please visit http://www.lyb.com/.

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