Technical Data Sheet

Moplen HP520J HP

Polypropylene, Homopolymer

Product Description

Moplen HP520J HP is a polypropylene homopolymer designed for the production of biaxially oriented polypropylene films (BOPP). It has a very low level of catalyst redidues and it does not contain any slip and antiblocking agents. *Moplen* HP520J HP offers good optical, easy processing and good film profile.

Regulatory Status

For regulatory compliance information, see *Moplen* HP520J HP Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Availability	Africa-Middle East; Europe
Application	Food Packaging Film; Thermoformed Food Containers
Market	Flexible Packaging
Processing Method	BOPP; Thermoforming
Attribute	Good Processability; High Clarity; High Gloss; Homopolymer; Medium Flow

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	3.0	g/10 min	ISO 1133-1
Density	0.90	g/cm³	ISO 1183-1
Mechanical			
Flexural Modulus	1450	N/mm²	ISO 178
Tensile Stress at Break, (23 °C, 50 mm/min)	23	N/mm²	ISO 527-1, -2
Tensile Stress at Yield, (23 °C, 50 mm/min)	34	N/mm²	ISO 527-1, -2
Tensile Strain at Break, (23 °C, 50 mm/min)		%	ISO 527-1, -2
Tensile Strain at Yield, (23 °C, 50 mm/min)	12	%	ISO 527-1, -2
Thermal			
Vicat Softening Temperature, (A50)	154	°C	ISO 306

Notes

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

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

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

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