Moplen HP420J

Polypropylene, Homopolymer

Product Description

Moplen HP420J is a polypropylene homopolymer manufactured using the Spheripol process. It is particularly suitable for BOPP, with potential end use applications in general purpose packaging, lamination film and adhesive tape.

Product Characteristics

Status	Commercial: Active
Test Method used	ASTM
Availability	Asia-Pacific, Australia/NZ, Africa-Middle East
Processing Methods	BOPP
Features	High Clarity, High Gloss , Good Processability, Good Stiffness , Good Stretchability
Typical Customer Applications	Food Packaging Film, Lamination Film

Typical Properties	Method	Value	Unit
Physical			
Density -Specific Gravity	ASTM D 792	0.90	g/cm³
Melt Flow Rate	ASTM D 1238	3	g/10 min
Mechanical			
Flexural Modulus	ASTM D 790	1350	MPa
Tensile Strength @ Yield	ASTM D 638	32	MPa
Tensile Elongation @ Yield	ASTM D 638	11	%
Impact			
Notched Izod Impact (23 °C)	ASTM D 256	36	J/m
Thermal			
Heat deflection temperature at 0.46 N/mm2	ASTM D 648	96	°C

Notes

Typical properties; not to be construed as specifications.

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- Equistar Chemicals, LP
- Basell Sales & Marketing Company B.V.
- Basell Asia Pacific Limited
- Basell International Trading FZE
- LyondellBasell Australia Pty Ltd

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(iii) Additionally, the product(s) may not be used in: (1) U.S. FDA Class III, Health Canada Class IV, and/or European Class III Medical Devices; (2) applications involving permanent implantation into the body; (3) life-sustaining medical applications; and (4) lead, asbestos or MTBE related applications.

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Users should review the applicable Material Safety Data Sheet before handling the product.

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