Moplen HP525N

Polypropylene, Homopolymer

Product Description

Moplen HP525N is a polypropylene homopolymer. With its high clarity, high slip and anti-blocking properties, it is especially suitable for water-quenched blown film (iPP). Potential end use applications include packaging for hosiery, shirts, other textiles, and food.

Product Characteristics

Status	Commercial: Active
Test Method used	ASTM
Availability	Asia-Pacific, Australia/NZ, Africa-Middle East
Processing Methods	Blown Film
Features	Good Processability, Good Stiffness
Typical Customer Applications	Food Packaging Film, Textile Packaging Film

Typical Properties	Method	Value	Unit
Physical			
Density -Specific Gravity	ASTM D 792	0.90	g/cm³
Melt Flow Rate (230°C/2.16kg)	ASTM D 1238	11	g/10 min
Mechanical			
Flexural Modulus	ASTM D 790	1500	MPa
Tensile Strength @ Yield	ASTM D 638	34	MPa
Tensile Elongation @ Yield	ASTM D 638	10	%
Impact			
Notched Izod Impact (23 °C)	ASTM D 256	26	J/m
Thermal			
Heat deflection temperature at 0.46 N/mm2	ASTM D 648	100	°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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Users should review the applicable Material Safety Data Sheet before handling the product.

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