Moplen HP528N

Polypropylene, Homopolymer

Product Description

Moplen HP528N is a polypropylene homopolymer. With its high clarity, high slip and anti-blocking properties, it is especially suitable for water-quenched tubular 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 Method	Blown Film, Injection Molding
Features	Unspecified Antiblocking , High Clarity, Homopolymer, Good Processability, Good Stiffness , High Slip
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			
Tensile Strength @ Yield	ASTM D 638	34	MPa
Flexural Modulus	ASTM D 790	1500	MPa
Tensile Elongation @ Yld	ASTM D 638	10	%
Impact			
Notched izod impact (23 °C)	ASTM D 256	23	J/m
Thermal			
DTUL @66psi - Unannealed	ASTM D 648	97	°C

Notes

Typical properties; not to be construed as specifications.

LyondellBasell markets this product through the following entities:

- 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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