

# 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

<b>Status</b>	Commercial: Active
<b>Test Method used</b>	ASTM
<b>Availability</b>	Asia-Pacific, Australia/NZ, Africa-Middle East
<b>Processing Method</b>	Blown film, Injection Moulding
<b>Features</b>	Unspecified Antiblocking , High Clarity, Homopolymer, Good Processability, Good Stiffness , High Slip
<b>Typical Customer Applications</b>	Food Packaging Film, Textile Packaging Film

Typical Properties	Method	Value	Unit
<b>Physical</b>			
Density -Specific Gravity	ASTM D 792	0.90	g/cm <sup>3</sup>
Melt flow rate (230°C/2.16kg)	ASTM D 1238	11	g/10 min
<b>Mechanical</b>			
Tensile Strength @ Yield	ASTM D 638	34	MPa
Flexural Modulus	ASTM D 790	1500	MPa
Tensile Elongation @ Yld	ASTM D 638	10	%
<b>Impact</b>			
Notched izod impact (23 °C)	ASTM D 256	23	J/m
<b>Thermal</b>			
DTUL @66psi - Unannealed	ASTM D 648	97	°C

### Notes

Typical properties; not to be construed as specifications.

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