



## 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

<b>Test Method used</b>	ASTM
<b>Processing Methods</b>	Blown Film
<b>Features</b>	Good Processability, Good Stiffness
<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>			
Flexural Modulus	ASTM D 790	1500	MPa
Tensile Strength @ Yield	ASTM D 638	34	MPa
Tensile Elongation @ Yield	ASTM D 638	10	%
<b>Impact</b>			
Notched Izod Impact (23 °C)	ASTM D 256	26	J/m
<b>Thermal</b>			
Heat deflection temperature at 0.46 N/mm <sup>2</sup>	ASTM D 648	100	°C