



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

Test Method used	ASTM
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/cm ³
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/mm ²	ASTM D 648	100	°C