

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/cm ³
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.

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Release Date: 06 Dec 2007