

# Moplen HP528N

Polypropylene Homopolymer

LyondellBasell Industries

Message:

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.

General Information	
Additive	Antiblock High Slip
Features	Antiblocking Food Contact Acceptable Good Processability Good Stiffness High Clarity High Slip Homopolymer
Uses	Film Food Packaging Packaging
Forms	Pellets
Processing Method	Blown Film Injection Molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm <sup>3</sup>	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	11	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	34.0	MPa	ASTM D638
Tensile Elongation (Yield)	10	%	ASTM D638
Flexural Modulus	1500	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	23	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	97.0	°C	ASTM D648

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