

Moplen HP525N

Polypropylene Homopolymer

LyondellBasell Industries

Message:

Polypropylene Homopolymer Resin for Water-Quenched Blown Film

Features:

- Good processability
- Excellent optical properties
- Good stiffness
- High slip
- Anti-blocking

Applications:

- Water quenched blown films for packaging of hosiery, shirts, other textiles and food
- Injection moulding

General Information			
Additive	High smoothness		
	Anti-caking agent		
Features	Rigid, good		
	High smoothness		
	Optical		
	Homopolymer		
	Anti-caking property		
	Workability, good		
	Compliance of Food Exposure		
Uses	Films		
	Food packaging		
Processing Method	Blow film		
	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	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)	26	J/m	ASTM D256

Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	100	°C	ASTM D648

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