

Moplen HP6060

Polypropylene Homopolymer

HMC Polymers

Message:

Developmental Grade-Polypropylene Homopolymer Resin for Water-Quenched Blown Film

Features:

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

Applications:

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

General Information			
Additive	High smoothness		
	Anti-caking agent		
Features	Rigid, good		
	High smoothness		
	Optical		
	Homopolymer		
	Anti-caking property		
	Workability, good		
Uses	Blown Film		
	Packaging		
	Food packaging		
Processing Method	Blow film		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm ³	ASTM D792B
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 D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	26	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load (0.45
MPa, Unannealed)

100

°C

ASTM D648

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