

# Moplen HP520M

Polypropylene Homopolymer

LyondellBasell Industries

Message:

Polypropylene Homopolymer Resin for core layer of Co-extrusion

Features:

Good optical properties

Good film stiffness

Low gels

Excellent compatibility with multi-layer film constructions

Applications:

As core layer for co-extrusion cast films

Ribbon Tape

General Information	
Features	Low speed solidification crystal point Rigid, good Optical Homopolymer
Uses	cast film
Processing Method	Co-extruded film Co-extrusion molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.900	g/cm <sup>3</sup>	ASTM D792B
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	35.0	MPa	ASTM D638
Tensile Elongation (Yield)	10	%	ASTM D638
Flexural Modulus	1550	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	28	J/m	ASTM D256A
Thermal	Nominal Value	Unit	Test Method

Deflection Temperature Under Load (0.45 MPa, Unannealed)	105	°C	ASTM D648
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