

Moplen HP520M

Polypropylene Homopolymer

LyondellBasell Industries

Message:

Moplen HP520M is a polypropylene homopolymer. With its excellent opticals, good stiffness, low gels, and good compatibility with multi-layer film constructions, this grade is especially suitable as a core layer for co-extrusions of cast film. Potential end use applications include ribbon tape.

General Information			
Features	Good Stiffness		
	Homopolymer		
	Low Gel		
	Opticals		
Uses	Cast Film		
	Food Packaging		
	Laminates		
	Tape		
Forms	Pellets		
Processing Method	Cast Film		
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)	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 D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	28	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	105	°C	ASTM D648

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