

Moplen HP3065

Polypropylene Homopolymer

LyondellBasell Industries

Message:

Moplen HP3065 is a polypropylene homopolymer used by customers for the production of biaxially oriented polypropylene films (BOPP). Typical applications reported by customers are metallizable film, both as monolayer film and in coextruded structures. It contains a standard processing stabilisation but does not contain any slip, antiblocking agents and it does not contain Calcium Stearate. Moplen HP3065 it has been reported to offer good optical, excellent & highly consistent processing and very good film profile.

General Information	
Additive	Processing stabilizer
Features	Electroplating
	Optical
	Homopolymer
	Workability, good
Uses	Bi-axially Oriented Film
	Packaging
	Films
	Food packaging
Processing Method	Film extrusion
	Co-extrusion molding

Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	34.0	MPa	ISO 527-2
Fracture	23.0	MPa	ISO 527-2
Tensile Strain			ISO 527-2
Yield	12	%	ISO 527-2
Fracture	650	%	ISO 527-2
Flexural Modulus	1400	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	85.0	°C	ISO 75-2/B
Vicat Softening Temperature	154	°C	ISO 306/A

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