

# Moplen HP3063

Polypropylene Homopolymer

LyondellBasell Industries

Message:

Moplen HP3063 is a polypropylene homopolymer typically used by customers for the production of biaxially oriented polypropylene films (BOPP). It contains a general purpose additive formulation. It has been reported to be used in film applications for adhesive tapes and general packaging. For regulatory compliance information, see Moplen HP3063 Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

General Information			
Features	Homopolymer		
Uses	Bi-axially Oriented Film		
	Packaging		
	Films		
	Strap		
	Belt material		
	Food packaging		
Processing Method	Film extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	2.0	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)	93.0	°C	ISO 75-2/B
Vicat Softening Temperature	155	°C	ISO 306/A

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