

# HIPOLEN P® FL 5

Polypropylene Homopolymer

Hipol a.d.

## Message:

HIPOLEN P FL 5 is medium flow homopolymer designed for production of bi-axially oriented films. The products have good mechanical, optical and barrier properties. FL 5 has enhanced processing stabilization, but stabilizer formulation contains neither calcium stearate, nor slip and antiblockig agents.

### Applications

Film for food, flower, textile and tobacco products packaging

Film for metallization and lacquering

Adhesive tapes, laminates

General Information			
Additive	Processing stabilizer		
Features	Optical		
	Homopolymer		
	Good processing stability		
	Medium liquidity		
	Barrier resin		
Uses	Bi-axially Oriented Film		
	Packaging		
	Films		
	Laminate		
	Strap		
Forms	Particle		
Processing Method	Bi-axially Oriented Film		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm <sup>3</sup>	ISO 1183/D
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	3.2	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1400	MPa	ISO 527-2
Tensile Stress (Yield)	34.0	MPa	ISO 527-2
Flexural Modulus	1450	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	3.0	kJ/m <sup>2</sup>	ISO 180

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