

HIPOLEN P® MA 71

Polypropylene Homopolymer

Hipol a.d.

Message:

HIPOLEN P MA 71 is very low flow homopolymer with good balance of stiffness/impact properties and very low moisture absorption rate. Grade MA 71 is intended for injection molding processes with small dimension molds, for production of little in size articles.

Applications

Injection molding of small parts for various appliances

Household goods

Toys

Caps and closures

General Information			
Features	Low hygroscopicity		
	Homopolymer		
	Low liquidity		
Uses	Shield		
	Home appliance components		
	Household goods		
	Shell		
	Toys		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Density	0.900	g/cm ³	ISO 1183/D
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.7	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	1300	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	5.0	kJ/m ²	ISO 180

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