

MOSTEN FC 110

Polypropylene Homopolymer
UNIPETROL RPA

Message:

Polypropylene Mosten FC 110 is a homopolymer with narrow molecular weight distribution, intended for cast film production by chill-roll process. It contains slip and antiblock additivation. Typical application are stationery products and various foodstuffs and textiles packaging.

General Information			
Additive	Antiblock		
	Slip		
Features	Antiblocking		
	Food Contact Acceptable		
	Homopolymer		
	Narrow Molecular Weight Distribution		
	Slip		
Uses	Cast Film		
	Food Packaging		
	Packaging		
	Stationary Supplies		
Agency Ratings	EC 1935/2004		
	EU No 10/2011		
Forms	Pellets		
Processing Method	Cast Film		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	10	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	34.0	MPa	ISO 527-2
Tensile Strain (Break)	> 150	%	ISO 527-2
Flexural Modulus	1500	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	3.0	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	55.0	°C	ISO 75-2/A
Vicat Softening Temperature	155	°C	ISO 306

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