

MOSTEN FK 005

Polypropylene Homopolymer
UNIPETROL RPA

Message:

MOSTEN FK 005 is a homopolymer with medium molecular weight distribution, containing antistatic and clarifying agents. It is intended for manufacture of films with antistatic finish, suitable for subsequent thermoforming of transparent packages. Typical application is manufacture of different packages especially for food industry, e.g. yogurt pots, one-use drink pots, etc.

General Information	
Additive	Antistatic Clarifier
Features	Antistatic Food Contact Acceptable High Clarity Homopolymer Medium Molecular Weight
Uses	Film Food Packaging Packaging
Agency Ratings	EC 1935/2004 EU No 10/2011
Forms	Pellets
Processing Method	Film Extrusion Thermoforming

Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	5.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	37.0	MPa	ISO 527-2
Tensile Strain (Break)	80	%	ISO 527-2
Flexural Modulus	1800	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)	58.0	°C	ISO 75-2/A

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