

MOSTEN GH 001

Polypropylene Homopolymer
UNIPETROL RPA

Message:

Polypropylene Mosten GH 001 is a homopolymer with LTHA additivation, intended for extrusion. Typical application is the production of sheets, profiles, non-pressure pipes and binding tapes. It can be also used for blow moulding and for the production of various compounds.

General Information			
Additive	Heat Stabilizer		
Features	Food Contact Acceptable		
	Heat Stabilized		
	Homopolymer		
Uses	Blow Molding Applications		
	Compounding		
	Piping		
	Profiles		
	Sheet		
	Tape		
Agency Ratings	EC 1935/2004		
	EU No 10/2011		
Forms	Pellets		
Processing Method	Blow Molding		
	Extrusion		
	Pipe Extrusion		
	Profile Extrusion		
	Sheet Extrusion		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	1.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	34.0	MPa	ISO 527-2
Tensile Strain (Break)	400	%	ISO 527-2
Flexural Modulus	1600	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	8.0	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method


Heat Deflection Temperature (1.8 MPa, Unannealed)	58.0	°C	ISO 75-2/A
Vicat Softening Temperature	156	°C	ISO 306

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