

# MOSTEN GH 005

Polypropylene Homopolymer  
UNIPETROL RPA

Message:

Polypropylene Mosten GH 005 is an injection moulding homopolymer with thermal stabilization. It's suitable for applications requiring higher thermal and oxidation stability, e.g. automotive interior parts, parts of technical equipment, etc. It is suitable for injection moulding process with long delay of melt in plastification unit. It can be also used for production of various compounds.

General Information	
Additive	Heat Stabilizer
Features	Food Contact Acceptable
	Heat Stabilized
	Homopolymer
	Oxidation Resistant
Uses	Automotive Interior Parts
	Compounding
Agency Ratings	EC 1935/2004
	EU No 10/2011
Forms	Pellets
Processing Method	Compounding
	Injection Molding

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)	35.0	MPa	ISO 527-2
Tensile Strain (Break)	> 100	%	ISO 527-2
Flexural Modulus	1650	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	4.0	kJ/m²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	56.0	°C	ISO 75-2/A
Vicat Softening Temperature	155	°C	ISO 306

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