

MATERIAL SPECIFICATION

POLYPROPYLENE

RANDOM COPOLYMER FOR INJECTION MOULDING

MOSTEN MB 812

Characteristics

MOSTEN MB 812 is a random copolymer with a basic additivation. It is suitable for injection moulding of thin-walled articles. It is suitable for manufacture of foodstuff packages, household articles or technical parts. It can also be used for coating

Hygienic approval

MOSTEN MB 812 meets the hygienic requirements on materials and articles intended for contact with foodstuffs according to Regulation (EC) 1935/2004 of the European Parliament and of the Council, as well as according to Commission Regulation (EU) No 10/2011 including changes and additions.

ISO designation

ISO 1873-PP-R,MA,10-05-090

<i>Quality parameter</i>	<i>Unit</i>	<i>Values</i>	<i>Test method</i>
Melt Flow Rate (230/2,16)	g/10 min	10 - 14	ISO 1133
Pellet Size	pc/g	25 - 60	Clause 3.3.1.2
Volatile Matter Content	%	max. 0,1	ISO 1269
Yellowness Index	standard	max. B	ASTM D 1925
Yield Stress	MPa	24*	ISO 527-1, 2
Flexural Modulus of Elasticity	MPa	900*	ISO 178
Charpy Notched Impact Strength 23 °C	kJ/m ²	6*	ISO 179-1
Heat Deflection Temperature (HDT) 1,8 MPa	°C	48*	ISO 75-1, 2

* Informative values, the parameter limits will be specified after evaluation of properties during test run

Issued by: Polyolefins Business Strategy Department
Phone: +420-47-616-3702
Fax: +420-47-616-2697

Contact: Sales Department
Phone: +420-47-616-3661
Fax: +420-47-616-2697