

Product Information

Mosten MT 812

Characteristic

Polypropylene Mosten MT 812 is a random copolymer with combined antistatic and clarifying additivation, intended for injection moulds and for production of thin-walled products. It is especially suitable for injection moulding of various foodstuff packaging and polished moulds.

Typical properties and usage

Property	Unit	Typical value
MELT FLOW RATE (230/2,16)	g/10 min	12.0
YIELD STRESS	MPa	26
ELONGATION AT BREAK	%	>250
FLEXURAL MODULUS	MPa	1050
YIELD STRESS	MPa	26
CHARPY NOTCHED IMPACT STRENGTH 23°C	kJ/m ²	6.0
CHARPY NOTCHED IMPACT STRENGTH -20°C	kJ/m ²	1.2
VICAT SOFTENING TEMPERATURE	°C	132
HDT (1,8 MPa)	°C	48.000

Notice:

Data from table are represent typical values of each property. It is informative data, i.e. doesn't extent of specification of this type.

Mosten MT 812 meets the hygienic regulations concerning contact with food of European Union (Commission Directives), Germany. The product is not classified as hazardous preparation according to Directive 1999/45/EC.