

Characteristic

Polypropylene Mosten GB 608 is an impact resistant, nucleated block copolymer, intended for injection moulding of parts with high demands on impact strength. It exhibits good balance between stiffness and toughness. Typical application is production of technical parts, such as cases, tool and transportation boxes, travelling cases shells, car battery boxes, etc. The grade can also be used as a matrix for manufacture of various compounds, especially in car industry.

Typical properties and usage

Property	Unit	Typical value	Testing method
MELT FLOW RATE (230/2,16)	g/10 min	8	ISO 1133
YIELD STRESS	MPa	21	ISO 527
ELONGATION AT BREAK	%	200	ISO 527
FLEXURAL MODULUS	MPa	1050	ISO 178
CHARPY NOTCHED IMPACT STRENGTH 23°C	kJ/m ²	40	ISO 179
CHARPY NOTCHED IMPACT STRENGTH -20°C	kJ/m ²	6	ISO 179
VICAT SOFTENING TEMPERATURE	°C	145	ISO 306
HDT(1,8 MPa)	°C	-	ISO 306

Notice:

Mosten GB 608 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.