

Technical data sheet

BMC LPA 200/14 NEUTRO

BMC LPA 200/14 NEUTRO is a bulk moulding compound based on an unsaturated polyester resin class "A" grade reinforced with glass fibres. This BMC has been developed for reflector of front headlamp automotive. **BMC LPA 200/14 NEUTRO** combine an excellent surface, high thermal stability and zero fogging. Excellent varnish adhesion is other peculiarity of **BMC LPA 200/14 NEUTRO**.

BMC LPA 200/14 NEUTRO is formulated according to RoHS, REAC regulation (SVHC) and WEEE European legislation.

Typical material properties

CHARACTERISTICS	METHOD	UNIT	VALUE
Quantity of glass		%	14
Linear shrinkage	ISO 2577	%	-0,07
Density	ISO 1183	g/cm ³	1,9
Water absorption	ISO 62 Met. 1	%	≤ 0,4
Flexural strength	ISO 14125A	MPa	70
Flexural modulus	ISO 14125A	MPa	12.500
Impact strength (Charpy)	ISO 179	KJ/m ²	25
Hardness Barcol	EN 59		50
Heat distortion temperature HDT	ISO 75	°C	> 200

Properties were determined on compression-moulded specimens according UNIPLAST rules project 412 and 413

Storage and processing conditions

Storage	in a dry place at 15-25°C, out of direct sun light
Moulding time	30 s/mm
Moulding pressure	60 - 110 bar
Moulding temperature	140 - 160°C

Note: The information contained in this sheet is correct and accurate and it based on our technical and scientific knowledge and on literature at the date of going to press. Such information relates only to use of the products in the pure state and for the purposes stated herein. Nothing stated here may be taken or construed as implying of any existing patents. Nor is any warranty, whether explicit or implicit, given with regard to results to be obtained through the use of the aforesaid information

