

TYPICAL APPLICATION



Automotive



Com. Vehicle



Construction



Electrical



Energy



Industrial



Mass Transport



Sanitary

PRODUCT DESCRIPTION

menzolit® BMC 0300 is a bulk moulding compound based on unsaturated polyester resin. The product is glass fibre reinforced and contains mineral fillers. In case of fire the product doesn't melt, neither does it form droplets nor is smoke generation excessive. The material is injection moulded in heated steel moulds. It is recommended to work with chrome plated tools. It does not contain any halogens nor any candidates from the REACH SVHC list.

PRODUCT SPECIFICATION

Low Shrink material. Minimal fire retardancy UL 94 HB, higher retardancy upon request. Typical applications are housings, covers and household appliances.

TYPICAL PROPERTIES

	Standard	Units	
Density	ISO 1183	g/cm ³	1,9
Shrinkage	ISO 2577	%	0,05
Heat Distortion Temp.	EN ISO 75-2	°C	>200
Continuous Service Temp.	Menzolit	°C	165
Young's Modulus	EN ISO 527-4	GPa	13
Tensile Strength	EN ISO 527-4	MPa	30
Flexural Strength	EN ISO 14125	MPa	100
Flex Modulus	EN ISO 14125	GPa	10
Impact Strength	EN ISO 179	kJ/m ²	30
Glow Wire Index	IEC 60707-3	°C	750
Fire Retardancy	UL 94		HB@3 mm
Surface Resistivity	IEC 60093	Ohm	10 ¹²
Comparative Tracking Index	IEC 60112	Level	CTI600
Water Absorption	ISO 62	%	< 0,5

FORM of SUPPLY

menzolit® BMC 0300 is packaged in styrene tight bags and placed in cardboard or wooden boxes. Various kinds of packaging available. For alternative packaging please contact our technical service team. Available in all colours.