

TYPICAL APPLICATION



PRODUCT DESCRIPTION

menzolit® BMC 1000 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

Product with increased hydrolysis resistance, for instance pump housings and water purification systems.

TYPICAL PROPERTIES

	Standard	Units	
Density	ISO 1183	g/cm ³	1,8
Shrinkage	ISO 2577	%	0,05
Heat Distortion Temp.	EN ISO 75-2	°C	>200
Continuous Service Temp.	Menzolit	°C	150
Young's Modulus	EN ISO 527-4	GPa	13
Tensile Strength	EN ISO 527-4	MPa	35
Flexural Strength	EN ISO 14125	MPa	120
Flex Modulus	EN ISO 14125	GPa	10
Impact Strength	EN ISO 179	kJ/m ²	30
Glow Wire Index	IEC 60707-3	°C	
Fire Retardancy	UL 94		
Surface Resistivity	IEC 60093	Ohm	10 ¹²
Comparative Tracking Index	IEC 60112	Level	CTI600
Water Absorption	ISO 62	%	< 0,3

FORM of SUPPLY

menzolit® BMC 1000 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 limited colours.