

TYPICAL APPLICATION



Automotive



Com. Vehicle



Construction



Electrical



Energy



Industrial



Mass Transport



Sanitary

PRODUCT DESCRIPTION

menzolit® BMC 0395 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 suitable for compression, transfer and injection moulding 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 Profile BMC with very good flowability and thermal conductivity. Typical applications are overmolding of E-motor elements, like stators and rotors.

TYPICAL PROPERTIES

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	170
Young's Modulus	EN ISO 527-4	GPa	9
Tensile Strength	EN ISO 527-4	MPa	25
Flexural Strength	EN ISO 14125	MPa	60
Flex Modulus	EN ISO 14125	GPa	8
Impact Strength	EN ISO 179	kJ/m ²	15
Glow Wire Index	IEC 60707-3	°C	
Fire Retardancy	UL 94		V-0@ 0,75 mm
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 0395 is packaged in styrene tight bags and placed in cardboard boxes on wooden pallets. Various kinds of packaging available. For alternative packaging please contact our technical service team. menzolit® BMC 0395 8144-003 is available in black.