



Close to our customer - to satisfy our costumers

Fibre reinforced materials are being used by leading companies; they have replaced traditional materials because of better technical and economical performance.

We live up to the motto "close to the customer" from the development of the product to the production of suitable, best fitting material. Fibre reinforced materials made by Menzolit are tailored to the specific needs of our customer. Our laboratories and engineers create individual formulations based on polymers using functional fillers and reinforcing fibres.

We produce, based on international demanding quality standarts, SMC, BMC and HPC to satisfy the demands of our clients and in this way contribute to their success story.

We assist our customer starting from the first idea about a new material through definitions of specifications and sampling to moulding and production supply in a partnership process.

The unique global position and long-term relationships with our customers allow Menzolit and its clients to develop together innovative solutions in front of OEMs, decision-makers and end-users.

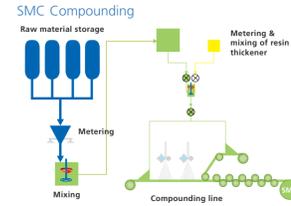
Three production sites in Europe as well as cooperation partners in China, Turkey and Russia get Menzolit always within reach. This guarantees logistic efficiencies and short lead time. We operate our own logistic centre and use experienced and reliable logistic partners at any customer location on the globe.



The success of Menzolit composite materials is based on the fact that product properties are tailored according to the customer's needs. It is possible to modify the technical properties like strength, fire retardancy, colour, paintability or weight according to individual needs. Because of the excellent mouldability of our reinforced plastics, a broad variety of shapes, sizes and applications can be made. All sites dispose of highly productive application technology and engineering laboratories. Our capacity for development allows us to break new ground for innovation.

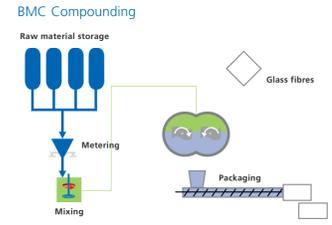
Preparing and manufacturing

Preparing the resin paste is one of the key processes. The various liquids and powders are mixed under high shear forces. Basic raw materials are resins, additives, catalysts, mould release agents and fillers. For coloured compounds a pigment is added to the paste. The paste is then mixed with fibres, usually glass fibres.



On the SMC continuous line the doctor box delivers paste onto a carrier film. The cutter adds a layer of chopped glass fibres on top of the paste. Then paste is metered on a second film, fed on top of the glass-fibres to form a sandwich of paste/fibres/paste.

Rollers then treat the sandwich to impregnate the fibres with the two paste layers. The sheet is wound into a coil and SMC is matured to a leatherlike sheet, ready for removing the film and being customized for moulding.



BMC is prepared in a mixer. After preparing a base paste it will be loaded into the mixing device. Then all other ingredients are added and homogenized. BMC is packed into bags until moulding. To avoid any material changes during storage and transport it is packaged in a styrene tight packaging.

Where do I need which Menzolit moulding compound?

| Material / Process / Feature | SMC | BMC |
|------------------------------|-------------|------------|
| Moulding | compression | injection |
| Fibre length | long | medium |
| Mechanical strength | high | medium/low |
| Part size | large | small |

Quality, safety, environment and health Management

Menzolit's understanding of quality encloses product quality, but furthermore safety, health and environmental-friendly acting.

The quality of composite materials plays a decisive rule for a trouble free production of moulded components. The continuously high quality of our composite materials contributes to the productivity of our customer's manufacturing facilities. To achieve this, we permanently upgrade our manufacturing facilities and supervise according to strict rules.

We optimize all processes of development and R&D including engineering and production, to supply our customers with continuously improved composite materials. For this purpose all manufacturing processes are monitored and controlled by computer systems. All elements of our material processing fit various state of the art ISO standards, for example ISO 9001 and ISO TS 16949. We are furthermore certified ISO 14001.



Your First Choice in Compounds



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Sanitary and domestic appliances

Menzolit has a variety of products to serve the special needs of sanitary parts and domestic appliances, whereas the area of sanitary in Europe is growing. More and more bath tubs and shower trays are moulded from SMC to use the combination of strength, stiffness and appeal. Some of the parts are coated directly in the mould. Moreover, we produce granite-based materials used for kitchen sinks for instance. Many household devices that are heated such as waffle makers, toasters, irons and egg cookers are made by using some injection moulded BMC parts for the area where most of the heat is developed. Typical examples are the heat shields of irons. Apart from the heat resistance, the pigmentability especially in bright colours is a demand in combination with a shiny surface.



Building and construction

Menzolit has a variety of products to serve the special needs of the building industry. The demands vary from focussing on mechanical properties, on appeal or on resistance against water, chemicals or even fire. Typical applications are water panels for water tanks, door skins, housings, canopies, streetlights, waste bins or even advertising columns. Roof-integrated solar panels have also been developed. Here, weather resistance and function integration are the advantages. By using an appropriate design, the energy-source can be combined with the roof function, saving installation time and materials.

Rail

Rail applications usually require the same stiffness and surface performance levels as other applications do.

However, beyond these well-known properties of SMC and BMC, a major demand for mass transit are the fire and smoke advantages of materials used outside and especially inside the train. Toxicity is avoided, since our products are halogen-free.

Electrical and electronic applications

Menzolit's SMC and BMC are an excellent choice for electrical and electronic applications due to their intrinsic insulating properties. They offer economical high performance solutions for complex electrical engineering challenges. Being temperature resistant is ideal for the insulation of electrical systems like cable distribution cabinets in outdoor applications. SMC and BMC thermosets provide maximum fire protection using environmentally friendly mineral compounds and they are stable across a wide range of temperatures and frequencies. Resistance to weathering and low temperatures without embrittlement can be observed even down to -40°C. Another benefit is the dimensional stability: the material can resist heat generated by electrical systems and to long-term mechanical stresses.



SMC and BMC can be customized for discharging of electrical charges in ex-proof environments. The environments of ex-proof applications include frequent temperature loads, outdoor exposure, rough weather conditions and chemical attack. Off-shore exploration rigs and mining environments are the most challenging examples. Most common applications are ex-proof lamp housings, terminal boxes, plugs, sockets and ex-proof components for distribution of energy. More intricate and compact designs, constantly increasing material requirements and cost constraints, will make the use of our material even more compelling in the future.

Automotive

Composites are used in the automotive and truck industry for over 50 years now. SMC and BMC are the best solution for weight reduction and design freedom at a vehicle, while stiffness, strength and temperature performance are also provided.

As a corrosion-resistant material, our products are ideal to realize a complex shape with a perfect surface. Easy to bond, on-line and off-line paintable, Menzolit supplies excellence in creation. SMC and BMC are widely utilized for exterior body panels, like front ends, deck-lids, bonnets, fenders, hood or tonneau covers. In the engine compartment, SMC and BMC are used for oil sumps, valve covers and also for smaller precision devices, such as throttle bodies and inlets. Special grades of SMC and BMC can stand the heat generated by lighting systems. Therefore most headlamp reflectors worldwide are injection-moulded from BMC. In a project run it was clearly demonstrated that an inner structure / frame of a vehicle is feasible and can fulfil all requirements regarding stiffness and crash worthiness. Newly designed Menzolit SMC 0430 is specialized for online painted light weight body panels.



Truck

In the truck industry, SMC and BMC are used for exterior body panels, especially for the cabins, where the excellent corrosion resistance and SMC's inherent stiffness is profitable. The applications range from front panels, bumper systems, air deflectors, step, toolboxes and roof spoiler up to side protection and side spoilers. In addition, SMC/BMC parts at the engine drastically reduce the noise due to better sound reduction properties compared to conventional material. Therefore, oil sumps, valve covers or driving shaft covers are used. Another important benefit is the weight reduction which allows better fuel economy. Hybrid solutions are often used for the side steps, whereas major SMC benefits like design freedom, stiffness and integration of functions for areas with different thickness, pigmentation and surface design are an advantage. SMC can be painted on the body-in-white. SMC can be used in hybrids with sheet metal and aluminium. SMC can easily help function integration leading to weight reduction of the vehicle.





| | | Fibre Content UD / total | Moulding Temperature | Moulding Pressure ⁴⁾ | Density | Shrinkage ¹⁾ ₃₎ | CTE ³⁾ | HDT | Glass Transition Temp. | Continuous Service Temp. ²⁾ | Young's Modulus ¹⁾ | Tensile Strength ¹⁾ | Flex Strength ¹⁾ | Flex Modulus ¹⁾ | Impact Strength ¹⁾ | Poisson's Ratio ¹⁾ | Limiting Oxygen Index | Glow Wire ⁵⁾ | Fire Retardancy | Volume Resistivity | Surface Resistivity | Comparative Tracking Index | Water Absorption | | |
|------------------------|---|--------------------------|----------------------|---------------------------------|----------|---------------------------------------|-------------------|-------------|------------------------|--|-------------------------------|--------------------------------|-----------------------------|----------------------------|-------------------------------|-------------------------------|-----------------------|-------------------------|-----------------|--------------------|----------------------------------|----------------------------|------------------|--------|-------|
| | EN ISO 1172 | M | M | ISO 1183 | ISO 2577 | ISO 11359-2 | EN ISO 75-2A | ISO 11357-2 | M | EN ISO 527-4 | EN ISO 527-4 | EN ISO 14125 | EN ISO 14125 | EN ISO 179 | ISO 527 | EN ISO 4589-2 | IEC 60695-2-12 | UL 94 | IEC 60093 | IEC 60093 | IEC 60112 | ISO 62 | | | |
| | % | °C | bar | g/cm ³ | % | 10 ^{**} -6m/m.K | °C | °C | °C | GPa | MPa | MPa | GPa | kJ/m ² | - | % | °C | Level | Ohm*cm | Ohm | Level | % | | | |
| SMC 0150 | General purpose SMC for electrical applications especially lamp housings. Fire retardancy UL 94 HB, glow wire 750 °C. | 22 | 135-150 | 80-100 | 1,8 | 0,07 | 12 | >200 | 170 | 165 | 10 | 55 | 140 | 9 | 60 | 0,30 | 22 | 750 | HB@3 mm | 10 ¹⁵ | 10 ¹² | CTI600 | < 0,5 | | |
| SMC 0160 | General purpose SMC for electrical applications especially wiring cabinets. Fire retardancy UL 94 HB, glow wire 850°C. | 25 | 135-150 | 80-100 | 1,8 | 0,15 | 12 | >200 | 170 | 165 | 10 | 60 | 146 | 9 | 66 | 0,30 | 25 | 850 | HB@2 mm | 10 ¹⁵ | 10 ¹² | CTI600 | < 0,5 | | |
| SMC 0170 | General purpose SMC for electrical applications especially wiring cabinets. Fire retardancy UL 94 HB, glow wire 850°C. | 32 | 135-150 | 80-100 | 1,8 | 0,15 | 12 | >200 | 170 | 165 | 12 | 81 | 194 | 10 | 88 | 0,30 | 22 | 750 | HB@3mm | 10 ¹⁵ | 10 ¹² | CTI600 | < 0,5 | | |
| SMC 0190 | General purpose SMC for electrical applications. Fire retardancy: UL 94, V-0 (3 mm) - Yellow card available and fulfils DIN 5510 class S4 | 28 | 135-150 | 80-100 | 1,7 | 0,10 | 12 | >200 | 170 | 165 | 11 | 66 | 158 | 10 | 71 | 0,30 | 32 | 960 | HB@3mm | 10 ¹⁵ | 10 ¹² | CTI600 | < 0,5 | | |
| SMC 0200 | General-purpose material for housings, covers and functional components. Minimal fire retardancy UL 94 HB, V-0 possible on request. | 25 | 135-150 | 80-100 | 1,7 | 0,10 | 12 | >200 | 170 | 165 | 9 | 60 | 142 | 9 | 64 | 0,30 | 22 | 750 | HB@3 mm | 10 ¹⁵ | 10 ¹² | CTI600 | < 0,5 | | |
| SMC 0250 | General-purpose SMC optimized for high density to give superior acoustic damping properties. | 25 | 135-150 | 80-100 | 2,3 | 0,10 | 11 | >200 | 170 | 165 | 10 | 60 | 150 | 10 | 64 | 0,30 | 22 | 750 | HB@3 mm | 10 ¹⁵ | 10 ¹² | CTI600 | < 0,5 | | |
| SMC 0290 | Injection mouldable SMC for electrical applications. Suitable for switch gear housings and functional components, that need higher strength than injection moulded BMC. Fire retardancy UL 94, V-0 (3 mm). Yellow card available for all colours. | 25 | 135-150 | 80-100 | 1,7 | 0,10 | 12 | >200 | 170 | 165 | 10 | 60 | 143 | 10 | 64 | 0,30 | 32 | 960 | V-0@3 mm | 10 ¹⁵ | 10 ¹² | CTI600 | < 0,5 | | |
| SMC 0300 | SMC with improved surface quality compared to SMC 0200 . Typical applications are housings, covers or furniture (i.e. stadium seats). UL94 V-0 possible on request. | 27 | 135-150 | 80-100 | 1,7 | 0,08 | 12 | >200 | 170 | 165 | 10 | 64 | 154 | 10 | 70 | 0,30 | 22 | 750 | HB@3 mm | 10 ¹⁵ | 10 ¹² | CTI600 | < 0,5 | | |
| SMC 0390 | A product with improved surface quality. Pigmentable but not available in all colours. Typical applications are body panels for trucks, commercial vehicles or farm vehicles. For rail interior application also available according to DIN 5510 S4. | 30 | 135-150 | 80-100 | 1,9 | 0,02 | 10 | >200 | 185 | 165 | 12 | 85 | 182 | 10 | 82 | 0,30 | 22 | 750 | HB@3 mm | 10 ¹⁵ | 10 ¹² | CTI600 | < 0,5 | | |
| SMC 0400 | Class-A SMC for exterior body applications on cars, LCV's and trucks. These compounds mould to parts with good up to excellent surface quality for painted body panels. | 30 | 140-160 | 80-100 | 1,9 | -0,05 | 10 | >200 | 200 | 165 | 11 | 90 | 180 | 10 | 80 | 0,30 | 22 | 750 | | 10 ¹⁵ | 10 ¹² | CTI600 | < 0,5 | | |
| SMC 0410 | Premium Class-A SMC for exterior body applications on cars. The parts have to be primed with a conductive primer before e-coating. | 30 | 145-155 | 80-100 | 1,9 | -0,05 | 10 | >200 | 200 | 165 | 10 | 75 | 180 | 10 | 85 | 0,30 | 22 | 750 | | 10 ¹⁵ | 10 ¹² | CTI600 | < 0,5 | | |
| SMC 0430 | Low Emission Class-A SMC with reduced density for passenger cars. In case of e-coating the parts have to be primed with a conductive primer. The parts show low emission, low smell and low fogging . | 38 | 145-155 | 60-100 | 1,3 | -0,05 | 8 | >200 | 200 | 165 | 8 | 60 | 140 | 8 | 65 | 0,30 | 22 | 750 | | 10 ¹⁵ | 10 ¹² | CTI600 | < 0,5 | | |
| SMC 0500 | Low Density SMC for non painted applications | 35 | 135-150 | 50-80 | 1,2 | 0,05 | 10 | >200 | 170 | 165 | 7 | 60 | 140 | 7 | 65 | 0,30 | 22 | 750 | | 10 ¹⁵ | 10 ¹² | CTI600 | < 0,5 | | |
| SMC 0600 | Low Pressure SMC for applications requiring moulding at low press tonnage. | 25 | 120-150 | 20-50 | 1,6 | 0,08 | 12 | >200 | 170 | 165 | 10 | 50 | 133 | 7 | 60 | 0,30 | 22 | 750 | HB@3 mm | 10 ¹⁵ | 10 ¹² | CTI600 | < 0,5 | | |
| SMC 0800 | This product is resistant to food chemicals and cleaning detergents. Typical applications are trays or food processing equipment. | 25 | 135-150 | 80-100 | 1,8 | 0,05 | 12 | >200 | 125 | 140 | 11 | 55 | 144 | 9 | 65 | 0,30 | 27 | 850 | HB@3 mm | 10 ¹⁵ | 10 ¹² | CTI600 | < 0,3 | | |
| SMC 0900 | Product has increased resistance to chemicals used in chemical plants for pumps and armatures. Please refer to our list of resistance to chemicals. | 30 | 135-150 | 80-100 | 1,7 | 0,08 | 12 | >200 | 125 | 140 | 11 | 75 | 166 | 9 | 75 | 0,30 | 22 | 750 | | 10 ¹⁵ | 10 ¹² | CTI600 | < 0,3 | | |
| SMC 1000 | Product with increased hydrolysis resistance. Typical applications, sectional water tanks, or water purification systems. | 25 | 135-150 | 80-100 | 1,7 | 0,08 | 12 | >200 | 145 | 150 | 11 | 60 | 145 | 8 | 65 | 0,30 | 28 | 850 | HB@3 mm | 10 ¹⁵ | 10 ¹² | CTI600 | < 0,3 | | |
| SMC 1100 | High strength material with chopped fibres and tough matrix resins for structural applications. | 45 | 135-150 | 80-100 | 1,8 | 0,04 | 12 | >200 | 162 | 170 | 13 | 150 | 280 | 13 | 128 | 0,30 | 22 | 750 | | 10 ¹⁵ | 10 ¹² | CTI600 | < 0,3 | | |
| SMC 1400 | High strength material resistant to fuel, lubricants, brake fluid and cleaning agents being used around automotive engines. Typical applications are oil pan or valve cover. | 35 | 135-160 | 80-100 | 1,9 | 0,03 | 12 | >200 | 162 | 170 | 10 | 130 | 250 | 10 | 100 | 0,30 | 22 | 750 | | 10 ¹⁵ | 10 ¹² | CTI600 | < 0,3 | | |
| SMC 1500 | SMC with high temperature stability for applications requiring high service temperature, for instance a heat shield. | 30 | 135-160 | 80-100 | 1,8 | 0,05 | 12 | >200 | 185 | 190 | 12 | 80 | 180 | 10 | 80 | 0,30 | 22 | 750 | HB@3 mm | 10 ¹⁵ | 10 ¹² | CTI600 | < 0,5 | | |
| SMC 1600 | Product for sanitary applications, for instance sink, shower tray or bath tube. Special appearance effects are possible, please contact our tech service for further information. | 20 | 135-150 | 80-100 | 1,7 | 0,05 | 12 | >200 | 170 | 165 | 11 | 55 | 136 | 8 | 61 | 0,30 | 22 | 750 | | 10 ¹⁵ | 10 ¹² | CTI600 | < 0,5 | | |
| SMC 2300 | Arc resistance SMC for arc quenching cambers. High fire retardancy SMC for electrical applications . | 25 | 135-150 | 80-100 | 1,8 | 0,08 | 12 | >200 | 170 | 165 | 12 | 60 | 150 | 11 | 67 | 0,30 | 43 | 960 | V-0@3 mm | 10 ¹⁵ | 10 ¹² | CTI600 | < 0,5 | | |
| SMC 2400 | SMC for Railway application with high flame retardancy, low smoke density and toxicity. British standard BS 6853 level 1b and pr EN 45545 HL3 possible on request. | 25 | 135-150 | 80-100 | 1,9 | 0,08 | 10 | >200 | 170 | 165 | 10 | 60 | 140 | 10 | 70 | 0,30 | 70 | 960 | V-0@2 mm | 10 ¹⁵ | 10 ¹² | CTI600 | < 0,5 | | |
| SMC 2500 | SMC for electrical applications requiring very high isolating properties. | 25 | 135-150 | 200-250 | 1,8 | 0,05 | 12 | >200 | 170 | 165 | 11 | 60 | 145 | 9 | 65 | 0,30 | 22 | 750 | HB@3 mm | 10 ¹⁵ | 10 ¹³ | CTI600 | < 0,3 | | |
| SMC 2600 | This product provides some conductivity to provide antistatic properties for explosion proof components in mining, gas and oil exploration industries as well as in chemical plants. UL Yellow card available UL 94 V-0, UL 746 C. | 30 | 135-150 | 80-100 | 1,8 | 0,15 | 12 | >200 | 170 | 165 | 12 | 75 | 179 | 10 | 81 | 0,30 | 30 | 960 | V-0@3 mm | >10 ⁶ | 10 ⁶ -10 ⁹ | NA | < 0,5 | | |
| CarbonSMC™ 1100 | A new product based on chopped carbon fibres for light weight structural body panels. | 60 | 145-155 | 50-120 | 1,4 | -0,15 | 8 | >200 | 162 | 170 | 30 | 130 | 320 | 28 | 55 | 0,30 | 22 | | | | | NA | < 0,5 | | |
| HPC 1200 | High strength material with unidirectional reinforcement. Especially high strength and stiffness in direction of fibre orientation for structural applications. | 15 / 45 | 135-150 | 80-100 | 1,8 | 0,2/-0,03 | 9 / 7 | >200 | 162 | 170 | 12 / 22 | 40 / 300 | 95 / 650 | 10 / 24 | 40 / 250 | 0,14/0,3 | 22 | | | | | 10 ¹⁵ | 10 ¹² | CTI600 | < 0,5 |
| HPC 1300 | High strength material with unidirectional reinforcement. Especially high strength in fibre direction, high glass content. | 25 / 50 | 135-150 | 80-100 | 1,7 | 0,2/-0,03 | 9 / 7 | >200 | 162 | 170 | 12 / 25 | 70 / 410 | 95 / 740 | 11 / 28 | 40 / 370 | 0,14/0,3 | 22 | | | | | 10 ¹⁵ | 10 ¹² | CTI600 | < 0,5 |
| BMC 0170 | General purpose BMC for electrical applications. Fire retardancy UL 94 HB, glow wire 750°C. High Strength | 25 | 135-150 | 40-80 | 1,9 | 0,15 | 10 | >200 | 170 | 165 | 13 | 35 | 120 | 10 | 30 | 0,30 | 22 | 750 | HB@3 mm | 10 ¹⁵ | 10 ¹² | CTI600 | < 0,5 | | |
| BMC 0190 | General purpose BMC for electrical applications. Fire retardancy UL 94 V-0 (3mm), glow wire 960°C. | 20 | 135-150 | 20-80 | 1,8 | 0,15 | 10 | >200 | 170 | 165 | 13 | 30 | 100 | 10 | 30 | 0,30 | 30 | 960 | V-0@3 mm | 10 ¹⁵ | 10 ¹² | CTI600 | < 0,5 | | |
| BMC 0200 | General purpose material for housings, covers and functional components. Fire retardancy UL 94 HB, V-0 possible upon request. | 20 | 135-150 | 20-80 | 1,9 | 0,15 | 10 | >200 | 170 | 165 | 13 | 30 | 100 | 10 | 30 | 0,30 | 22 | 750 | HB@3 mm | 10 ¹⁵ | 10 ¹² | CTI600 | < 0,5 | | |
| BMC 0300 | Low Shrink material . Minimal fire retardancy UL 94 HB, higher retardancy upon request. Typical applications are housings, covers and household appliances. | 20 | 135-150 | 20-80 | 1,9 | 0,08 | 10 | >200 | 170 | 165 | 13 | 30 | 100 | 10 | 30 | 0,30 | 22 | 750 | HB@3 mm | 10 ¹⁵ | 10 ¹² | CTI600 | < 0,5 | | |
| BMC 0390 | Low Profile BMC with increased shrinkage compensation but reduced pigmentability. Shrinkage is approximately zero. Typical applications are functional compounds with light colours. Minimal fire retardancy UL 94 HB, higher retardancy upon request | 25 | 135-160 | 20-80 | 1,9 | -0,03 | 10 | >200 | 185 | 165 | 14 | 35 | 120 | 11 | 30 | 0,30 | 22 | 750 | HB@3 mm | 10 ¹⁵ | 10 ¹² | CTI600 | < 0,5 | | |
| BMC 0400 | Low Profile material for Class-A body panel applications. The material provides an excellent surface for painted panels for the automotive industry. | 25 | 135-160 | 20-80 | 1,9 | -0,05 | 10 | >200 | 185 | 170 | 14 | 36 | 120 | 11 | 30 | 0,30 | 22 | 750 | | 10 ¹⁵ | 10 ¹² | CTI600 | < 0,5 | | |
| BMC 0410 | This product is recommended for components requiring very precise tolerances as an alternative to outsert technology. Ejector pins on male and female half of the mould are necessary. | 15 | 135-160 | 20-80 | 1,9 | -0,05 | 10 | >200 | 170 | 165 | 14 | 25 | 60 | 11 | 15 | 0,30 | 22 | 750 | | 10 ¹⁵ | 10 ¹² | CTI600 | < 0,5 | | |
| BMC 0800 | This product is resistant to food chemicals and cleaning detergents. Components for food processing equipment. | 25 | 135-150 | 20-80 | 1,9 | 0,15 | 10 | >200 | 125 | 140 | 13 | 35 | 100 | 10 | 30 | 0,30 | 22 | 750 | HB@3 mm | 10 ¹⁵ | 10 ¹² | CTI600 | < 0,3 | | |
| BMC 0900 | Has increased resistance to chemicals used in chemical plants for pumps and armatures. Please refer to our list of resistance to chemicals. | 25 | 135-150 | 20-80 | 1,8 | 0,15 | 10 | >200 | 125 | 140 | 13 | 35 | 120 | 10 | 30 | 0,30 | 30 | 960 | V-0@3 mm | 10 ¹⁵ | 10 ¹² | CTI600 | < 0,3 | | |
| BMC 1000 | Product with increased hydrolysis resistance, for instance pump housings and water purification systems. | 25 | 135-150 | 20-80 | 1,8 | 0,15 | 10 | >200 | 125 | 150 | 13 | 35 | 120 | 10 | 30 | 0,30 | 22 | 750 | HB@3 mm | 10 ¹⁵ | 10 ¹² | CTI600 | < 0,3 | | |
| BMC 1100 | High strength material with tough matrix resins, for compression moulding only. | 26 | 135-160 | 20-80 | 1,8 | 0,03 | 10 | >200 | 162 | 170 | 13 | 40 | 130 | 9 | 35 | 0,30 | 22 | 750 | HB@3 mm | 10 ¹⁵ | 10 ¹² | CTI600 | < 0,3 | | |
| BMC 1400 | High strength material resistant to fuel, lubricants and cleaning agents being used around automotive engines. Examples are valve cover, carburettor housings. | 25 | 135-160 | 20-80 | 1,9 | 0,03 | 10 | >200 | 162 | 170 | 13 | 37 | 125 | 10 | 35 | 0,30 | 22 | 750 | HB@3 mm | 10 ¹⁵ | 10 ¹² | CTI600 | < 0,3 | | |
| BMC 1500 | With high temperature stability for applications requiring high service temperatures approx. 200°C. | 20 | 135-150 | 20-80 | 2,0 | 0,03 | 10 | >200 | 185 | 190 | 14 | 30 | 100 | 11 | 20 | 0,30 | 22 | 750 | HB@3 mm | 10 ¹⁵ | 10 ¹² | CTI600 | < 0,5 | | |
| BMC 2300 | Arc resistance BMC for arc quenching chambers, especially high fire retardancy. | 20 | 135-150 | 20-80 | 1,9 | 0,08 | 10 | >200 | 134 | 155 | 13 | 30 | 100 | 10 | 20 | 0,30 | 43 | 960 | V-0@3 mm | 10 ¹⁵ | | | | | |