

BMC F4308

BMC F4308 is a 20~30% glass, extreme high strength molding compound for thick wall. BMC F4308 could replace SMC for some special projects. This BMC is designed for high strength requirement breaker.

HEALTH AND SAFETY INFORMATION

Direct contact with this material may cause minimal eye and skin irritation. Wash thoroughly after handling. For detailed handling instructions refer to the BMC, Inc. Material Safety Data Sheet (MSDS) for this product.

IMPORTANT NOTICE

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TYPICAL PROPERTIES

Molding

Temperature, °C	130~180
Mold shrinkage, %	0.20~0.35
Specific gravity, g/cm ³	1.70~1.90

Mechanical-Physical (Tested by in-house ISO compression molding bars)

Flexural strength, MPa	125~185
Tensile strength, MPa	40~70
Impact strength, notched Izod, kJ/m ²	35~65
Barcol hardness	30~50

Electrical

Dielectric Strength, kV/mm	12+
Arc resistance, sec	180+
Comparative Tracking Index, volts	600+

Thermal

Heat distortion temperature, °C	200+
UL RTI, °C	130
UL Flame resistance 3.0 mm, Color: All	V-0
UL File	E69414

**Above test values may be affected by the molding process

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