

# BMC 350

BMC 350 is a material with good surface, strength and electrical properties. As with all other BMCI compounds, this Series can be supplied in logs, slugs or bulk. The general application of this material is iron rest, heat shield, breaker and motor bracket.

## 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, %	0.15~0.30
Specific gravity, g/cm <sup>3</sup>	1.80~2.00

### Mechanical-Physical (Tested by in-house ISO compression molding bars, average of 10 testing bars data)

Flexural strength, MPa	120~160
Tensile strength, MPa	40~60
Impact strength, notched Izod, kJ/m <sup>2</sup>	25~45
Barcol hardness	30~50

### Electrical

Dielectric Strength, kV/mm	15+
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
EN 45545-2 Railway application	HL 2

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

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