

BMC 304

BMC 304 is a low shrinkage automotive grade molding compound that is suitable for injection molding operations. BMC 304 is specially designed for traditional or electrostatic coating systems, which demonstrates excellent adhesion characteristics. Generally it supplied in bulk form. Typical applications include automotive headlamp and fog lamp reflectors.

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, %	0.00~0.15
Specific gravity, g/cm ³	1.85~2.05

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

Flexural strength, MPa	110~150
Tensile strength, MPa	35~55
Impact strength, notched Izod, kJ/m ²	25~45
Barcol hardness	45~65

Thermal

Heat distortion temperature, °C	220+
UL Flame resistance 3.0 mm, Color: All	HB
It is not UL listed material	

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

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