

## G&E 9007 Black Masterbatch Technical Data Sheet

G&E 9007 BMB is mechanically mixed SBR Black masterbatch. This material can be used to replace similar co-precipitated masterbatch in most applications. G&E 9007 contains 100 parts SBR, 52 parts of N-234 series carbon black, and 10 parts Highly Napthenic Oil.

### TYPICAL COMPOUND SPECIFICATIONS

#### UNMILLED MOONEY VISCOSITY

ASTM D 1646

UMS 4+4@100°C

58-76

#### ODR RHEOMETER

ASTM D 2084

12 Minutes/3° Arc@ 177°C

ML

10.5

MH

66

Ts2

2.2

Tc90

7

#### TYPICAL PHYSICAL PROPERTIES

ASTM D 412

Cured 35 Min @ 145°C

Tensile, psi

2550 Minimum

Elongation, %

365 Minimum

300 % Modulus, psi

1150 Minimum

Specific Gravity

1.12

#### TEST RECIPE

ASTM D 3186

Mill Mixed

9007 BMB

162 pts.

Zinc Oxide

3.00 pts.

Stearic Acid

1.50 pts.

Sulfur

1.75 pts.

TBBS

1.25 pts.

#### PACKAGING

Standard Package: Approximately 30"x38"x3/8" slabs on a 4 -way entry heat treated wood pallet; approximately 2,200 lbs. net (1 Metric Ton).

*The information contained herein is based upon laboratory tests believed to be reliable. However, it is offered solely for guidance to persons who will make their own determination. Goldsmith & Eggleton's products are sold without warranty, expressed or implied.*

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