

## G&E 1805 Black Masterbatch Technical Data Sheet

G&E 1805 BMB is mechanically mixed SBR Black masterbatch. This material can be used to replace SBR-1805 coprecipitated masterbatch in most applications. G&E 1805 contains 100 parts of non-staining SBR, 75 parts of N-330 series carbon black, and 37.5 parts naphthenic oil.

### TYPICAL COMPOUND SPECIFICATIONS

#### UNMILLED MOONEY VISCOSITY

ASTM D 1646

UML 1+4@100°C (212°F)

75-95

#### ODR RHEOMETER

ASTM D 2084

12 Minutes/3° Arc@ 177°C

ML

6.5

MH

42

Ts2

2.3

Tc90

6.5

#### TYPICAL PHYSICAL PROPERTIES

ASTM D 412

Cured 35 Min @ 145°C

Tensile, psi

2200

Elongation, %

450

300 % Modulus, psi

1100

Specific Gravity

1.13

#### TEST RECIPE

ASTM D 3186

Mill Mixed

1805 BMB

212.50 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.*

12/04/17