



G&E 1815 Type Black Masterbatch

G&E 1815 Type BMB is a mechanically mixed SBR black masterbatch. This material can be used to replace SBR-1815 coprecipitated masterbatch in most applications. G&E 1815 contains 100 parts of non-staining SBR and 75 parts of N-300 series carbon black and 50 parts of naphthenic oil. Low and high mooney versions of this material are available as special order.

Chemical Properties

Volatile matter, % wt. 1% max.

Typical Compound Properties

Raw viscosity (ML 1+4 @ 100°C) 55 to 75

Monsnto Rheometer (3° Arc - 177°C)

ML, in-lbs. 10
MH, in-lbs. 35
T_{s2}, minutes 2.75
TC90, minutes 7.75

Physical Properties (Cured 40' @ 150°C)

Tensile Strength 2500 psi
300% Modulus 1200 psi
Elongation 500%
Specific Gravity 1.14

Test Recipe

1815 Type BMB 225.00 pts.
Zinc Oxide 3.00 pts.
Stearic Acid 1.50 pts.
Sulfur 1.75 pts.
TBBS 1.25 pts.

Packaging

Approximately 30"X38"X3/8" slabs on a 4-way entry skid, approximately 2200 lbs. (1 metric ton). Material may be packaged as 24" wide wig-wag - 2 stacks per pallet, or as perforated slabs which can be easily torn in half to improve handling in the weigh-up area.

*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.
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