



G&E 1606 Type Black Masterbatch

G&E 1606 type BMB is a mechanically mixed SBR black masterbatch. This material can be used to replace SBR-1606 coprecipitated masterbatch in most applications. G&E 1606 contains 100 parts of non-staining SBR and 52 parts of N-300 series carbon black and 10 parts of aromatic oil.

Chemical Properties

Volatile matter, % wt. 1% max.

Typical Compound Properties

Raw viscosity (ML 1+4 @ 100°C) 65 to 85

Monsnto Rheometer (3° Arc - 177°C)

ML, in-lbs.	11
MH, in-lbs.	60
T _{s2} , minutes	2.0
TC90, minutes	5.25

Physical Properties (Cured 40' @ 150°C)

Tensile Strength	3200 psi
300% Modulus	2000 psi
Elongation	450%
Specific Gravity	1.13

Test Recipe

1606 Type BMB	162.00 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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