



## G&E 1848 Type Black Masterbatch

G&E 1848 Type BMB is a mechanically mixed SBR black masterbatch. This material can be used to replace SBR-1848 coprecipitated masterbatch in most applications. G&E 1848 contains 100 parts of SBR and 82.5 parts of N-300 series carbon black and 62.5 parts of aromatic 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. 7  
MH, in-lbs. 30  
T<sub>s</sub>2, minutes 2.25  
TC90, minutes 5.25

### **Physical Properties (Cured 40' @ 150°C)**

Tensile Strength 2500 psi  
300% Modulus 1000 psi  
Elongation 600%  
Specific Gravity 1.17

### **Test Recipe**

1848 Type BMB 245.00 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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