Goldsmith & Eggleton, Inc.

Reliable Polymer Alternatives

Blended Polymers

G&E 1805 TYPE BLACK MASTERBATCH

G&E 1805 Type BMB is a 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 and 75 parts of N-330 series carbon black.

CHEMICAL PROPERTIES

Volatile matter, % wt.	0.75% max.

TYPICAL COMPOUND PROPERTIES

Raw viscosity (ML 1+4 @ 100°C)	70 ± 15

MONSANTO RHEOMETER (3° Arc - 177°C)

ML	11
MH	65
TS2	2.5
TC90	6.0

TYPICAL PHYSICAL PROPERTIES (CURE 40' @ 150°C)

Tensile, psi	2600
Elongation, %	350
300% modulus, psi	1500
Specific Gravity	1.13

TEST RECIPE

1805 Type BMB	152.00 pts.
Zinc oxide	3.00 pts.
Stearic acid	1.50 pts.
Sulfur	1.75 pts.
TBBS	1.25 pts.

PACKAGING

Standard package: Approximately 30" x 38" x 3/8" slabs on a 4-way entry skid, approximately 2,200 pounds (1 metric ton). Alternate package: 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. Goldsmith & Eggleton's products are sold without warranty, expressed or implied.

8/05

300 First Street • Wadsworth, Ohio 44281-2084
800-321-0954 • 330-336-6616 • Fax 330-334-4709
www.Goldsmith-Eggleton.com