

G&E 1605 Black Masterbatch Technical Data Sheet

G&E 1605 BMB is mechanically mixed SBR Black masterbatch. This material can be used to replace SBR-1605 coprecipitated masterbatch in most applications. G&E 1605 contains 100 parts of non-staining SBR, 50 parts of N-500 series carbon black.

TYPICAL COMPOUND SPECIFICATIONS

UNMILLED MOONEY VISCOSITY

| | | |
|-------------|---------------------------|--------|
| ASTM D 1646 | M(3X)ML 1+4@100°C (212°F) | 80-100 |
|-------------|---------------------------|--------|

ODR RHEOMETER

| | | |
|------|-------------|----------------------------------|
| | ASTM D 2084 | 12 Minutes/3° Arc@ 177°C (350°F) |
| ML | 7.5 | |
| MH | 53 | |
| Ts2 | 2.4 | |
| Tc90 | 1.13 | |

TYPICAL PHYSICAL PROPERTIES

| | | |
|--------------------|------------|-----------------------------|
| | ASTM D 412 | Cured 35 Min @ 145°C(293°F) |
| Tensile, psi | 2650 | |
| Elongation, % | 450 | |
| 300 % Modulus, psi | 2080 | |
| Specific Gravity | 1.13 | |

TEST RECIPE

| | | |
|--------------|-------------|------------|
| | ASTM D 3186 | Mill Mixed |
| 1605 BMB | 160 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 skid, approximately 2,200 lbs. net (1 Metric Ton). Boxes are shipped on heat treated wood it is offered solely for guidance to persons who will make their own determination. Goldsmith & Eggleton's products are sold without warranty, expressed or implemented.

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.

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