

## G&E 1605 Black Masterbatch Technical Data Sheet

G&E 1605 BMB is mechanically mixed SBR Black master batch. This material can be used to replace SBR-1605 co-precipitated master batch in most applications. G&E 1605 contains 100 parts of non-staining SBR and 50 parts of N-500 series Carbon Black.

### TYPICAL COMPOUND SPECIFICATIONS

#### UNMILLED MOONEY VISCOSITY

Mooney	ASTM D 1646 ML 1+4@100°C	80-100
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#### ODR RHEOMETER

	ASTM D 2084	12 Minutes/3° Arc@ 177°C
ML	7.5	
MH	53	
Ts2	2.4	
Tc90	1.13	

#### TYPICAL PHYSICAL PROPERTIES

	ASTM D 412	Cured 35 Min @ 145°C
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 heat treated wood pallet; approximately 2,200 lbs. net (1 Metric Ton).

*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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