

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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