

G&E 1847 Black Masterbatch Technical Data Sheet

G&E 1847 BMB is mechanically mixed SBR Black masterbatch. This material can be used to replace SBR-1847 coprecipitated masterbatch in most applications. G&E 1847 contains 100 parts SBR, 75 parts of N-300 series carbon black, and 50.0 parts Highly Aromatic Oil.

TYPICAL COMPOUND SPECIFICATIONS

MILLED MOONEY VISCOSITY

ASTM D 1646	ML 1+4@100°C	60-80
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ODR RHEOMETER

	ASTM D 2084	12 Minutes/3° Arc@ 177°C
ML	5.75	
MH	41	
Ts2	2.1	
Tc90	5.75	

TYPICAL PHYSICAL PROPERTIES

	ASTM D 412	Cured 35 Min @ 145°C
Tensile, psi	2400	
Elongation, %	580	
300 % Modulus, psi	1300	
Specific Gravity	1.14	

TEST RECIPE

	ASTM D 3186	Mill Mixed
1847 BMB	225 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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