

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

UNMILLED MOONEY VISCOSITY

ASTM D 1646	M(3X)ML 1+4@100°C (212°F)	60-80
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ODR RHEOMETER

	ASTM D 2084	12 Minutes/3° Arc@ 177°C (350°F)
ML	5.75	
MH	41	
Ts2	2.1	
Tc90	5.75	

TYPICAL PHYSICAL PROPERTIES

	ASTM D 412	Cured 35 Min @ 145°C(293°F)
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 skid, approximately 1800 pounds (.816 MT). Material may also be packaged as wig-wag or perforated slabs which can be easily separated 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.

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