

## G&E 9007 Black Masterbatch Technical Data Sheet

G&E 9007 BMB is mechanically mixed SBR Black masterbatch. This material can be used to replace similar co-precipitated masterbatch in most applications. G&E 9007 contains 100 parts SBR, 52 parts of N-234 series carbon black, and 10 parts Highly Napthenic Oil.

### TYPICAL COMPOUND SPECIFICATIONS

#### UNMILLED MOONEY VISCOSITY

ASTM D 1646	UMS 4+4@100°C	58-76
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#### ODR RHEOMETER

	ASTM D 2084	12 Minutes/3° Arc@ 177°C
ML	10.5	
MH	66	
Ts2	2.2	
Tc90	7	

#### TYPICAL PHYSICAL PROPERTIES

	ASTM D 412	Cured 35 Min @ 145°C
Tensile, psi	2550 Minimum	
Elongation, %	365 Minimum	
300 % Modulus, psi	1150 Minimum	
Specific Gravity	1.12	

#### TEST RECIPE

	ASTM D 3186	Mill Mixed
9007 BMB	162 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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