

G&E 1805 Black Masterbatch Technical Data Sheet

G&E 1805 BMB is mechanically mixed SBR Black masterbatch. This material can be used to replace SBR-1805 coprecipitated masterbatch in most applications. G&E 1805 contains 100 parts of non-staining SBR, 75 parts of N-330 series carbon black, and 37.5 parts naphthenic oil.

TYPICAL COMPOUND SPECIFICATIONS

UNMILLED MOONEY VISCOSITY

ASTM D 1646	UML 1+4@100°C (212°F)	75-95
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ODR RHEOMETER

	ASTM D 2084	12 Minutes/3° Arc@ 177°C
ML	6.5	
MH	42	
Ts2	2.3	
Tc90	6.5	

TYPICAL PHYSICAL PROPERTIES

	ASTM D 412	Cured 35 Min @ 145°C
Tensile, psi	2200	
Elongation, %	450	
300 % Modulus, psi	1100	
Specific Gravity	1.13	

TEST RECIPE

	ASTM D 3186	Mill Mixed
1805 BMB	212.50 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.

09/25/18