

G&E Blended Butyl Technical Data Sheet

G&E Blended Butyl is produced by carefully combining selected feedstocks for uniform viscosity and rheology. G&E Blended Butyl is excellent for cost reduction in all types of Butyl applications when blended with prime butyl rubber.

TYPICAL COMPOUND SPECIFICATIONS

MOONEY VISCOSITY

ASTM D 1646	ML 1+8@125°C (257°F)	30-54
ASTM F 970	Raw Polymer specific Gravity	0.92
ASTM D 5667-95	(% Ash Content) wt%	2 Maximum
ASTM D 5668	(Volatile Matter, % weight)	1 Maximum

ODR RHEOMETER

	ASTM D 2084	30 Minutes/3° Arc@ 177°C (350°F)
M _L	13 Typical	Ts2 1.8 Typical
M _H	61 Typical	Tc90 10.0 Typical

TYPICAL PHYSICAL PROPERTIES

	ASTM D 412	Cured 40 Min @ 150°C (302°F)
Tensile, psi	2400 Typical	
Elongation, %	575 Typical	
300 % Modulus, psi	1200 Typical	

TEST RECIPE

	ASTM D 3188-06 (2010)	Internal Mixer Method
G&E Blended IIR	100.00 pts.	
Zinc Oxide	3.00 pts.	
Sulfur	1.75 pts.	
Stearic Acid	1.00 pts.	
IRB 9 Carbon Black	50.00 pts	
TMTD	1.00 pts.	

PACKAGING

Thirty-six, 75 lb. (34 kg.) bales wrapped in low-melt polyethylene film are packaged in Returnable Metal Boxes weighing 2,700 lbs (1.23 MT) each. Corrugated Boxes are available with a weight of 2200 lbs (1 MT).

Disclosure

The information contained herein is based upon laboratory test results believe 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 implemented.

03/01/19