

## 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)	30-54
ASTM F 970	Raw Polymer Specific Gravity	0.92
ASTM D 5667-95	Ash Content, wt%	2 max
ASTM D 5668	Volatile Matter, wt%	1 max

#### ODR RHEOMETER

	ASTM D 2084	30 minute test, 3° Arc (177°C)
M <sub>L</sub>	13 lb <sub>f</sub> .in	Ts2 1.8 mins
M <sub>H</sub>	61 lb <sub>f</sub> .in	Tc90 10.0 mins

#### TYPICAL PHYSICAL PROPERTIES

	ASTM D 412	Cured 40 mins (150°C)
Tensile , psi	1500 min	
Elongation, %	375 min	
300 % Modulus, psi	500 min	

#### TEST RECIPE

	ASTM D 3188-06
G&E Blended IIR	100
Zinc Oxide	3
Sulfur	1.75
Stearic Acid	1
IRB 8 Carbon Black	50
TMTD	1

#### 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.

#### 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.*

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