

## G&E Blended Bromobutyl Technical Data Sheet

G&E Blended Bromobutyl is produced by carefully combining selected feedstocks for uniform viscosity and rheology. G&E Blended Bromobutyl is excellent for cost reduction in applications such as innerliners and most mechanical goods when blended with prime Bromobutyl.

### TYPICAL COMPOUND SPECIFICATIONS

#### MOONEY VISCOSITY

ASTM D 1646	ML 1+8@125°C (257°F)	25-50
ASTM F 970 (G&E Method)	Raw Polymer specific Gravity	0.93
ASTM D 5667 -95	% XRF Bromine Content	1.40-2.60
ASTM D 5668	( % Ash Content)	2 Maximum
	(Volatile Matter, % weight)	1 Maximum

#### ODR RHEOMETER

	ASTM D 2084	30 Minutes/3° Arc@ 177°C (350°F)
M <sub>L</sub>	14 Typical	Ts2 2.0 Typical
M <sub>H</sub>	28 Typical	Tc90 4.0 Typical

#### TYPICAL PHYSICAL PROPERTIES

	ASTM D 412	Cured 40 Min @ 150°C(302°F)
Tensile , psi	1150-2500	
Elongation, %	325-525	
300 % Modulus, psi	500-1675	

#### TEST RECIPE

	ASTM D 3958-06 (2011)	Internal Mixer Method
G&E Blended BIIR	100.00 pts.	
Zinc Oxide	5.00 pts.	
Stearic Acid	1.00 pts.	
IRB 8 Carbon Black	40.00 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.*

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