

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)	25-50
ASTM F 970	Raw Polymer Specific Gravity	0.93
G&E Method	XRF Bromine Content, %	1.40-2.60
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 _L	14 lb _f .in	Ts2 2.0 mins
M _H	28 lb _f .in	Tc90 4.0 mins

TYPICAL PHYSICAL PROPERTIES

	ASTM D 412	Cured 40 mins (150°C)
Tensile , psi	1150 min	
Elongation, %	325 min	
300 % Modulus, psi	500 min	

TEST RECIPE

	ASTM D 3958-06
G&E Blended BIIR	100
Zinc Oxide	5
Stearic Acid	1
IRB 8 Carbon Black	40

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.

4/23/18