

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 _L	14 Typical	Ts2 2.0 Typical
M _H	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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