

## G&E Blended Chlorobutyl Technical Data Sheet

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

### TYPICAL COMPOUND SPECIFICATIONS

#### MOONEY VISCOSITY

ASTM D 1646	ML 1+8@125°C (257°F)	28-49
ASTM F 970	Raw Polymer specific Gravity	0.92
G&E Method	XRF Chlorine Content, %	0.9-1.3
ASTM D 5667-95	Ash Content, wt%	2 Maximum
ASTM D 5668	Volatile Matter, wt%	1 Maximum

#### ODR RHEOMETER

	ASTM D 2084	30 Minutes/3° Arc@ 177°C (350°F)
M <sub>L</sub>	14 lb <sub>f</sub>	Ts2 2.0 mins
M <sub>H</sub>	37 lb <sub>f</sub>	Tc90 9.0 mins

#### TYPICAL PHYSICAL PROPERTIES

	ASTM D 412	Cured 40 Min @ 150°C (302°F)
Tensile , psi	1500 min	
Elongation, %	375 min	
300 % Modulus, psi	800 min	

#### TEST RECIPE

	ASTM D 3958-06
G&E Blended CIIR	100
Zinc Oxide	5
Stearic Acid	1
IRB 9 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.

*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