



# Ravaflex™ CIIR

Rubber – Industrial Quality Compound

## OVERVIEW

<b>Description</b>	Ravaflex™ CIIR is a reprocessed chlorinated copolymer of isobutylene and isoprene.
<b>Characteristics</b>	Ravaflex™ Chlorobutyl is produced by carefully combining selected feedstocks for uniform viscosity and rheology. Ravaflex™ CIIR has very good low gas permeability and resistance to oxidative and ozone degradation. These characteristics make it an excellent choice in applications such as inner liners, mechanical goods, sealants and adhesives.

## RAW MATERIAL PROPERTIES

Property	Nominal Value	Unit	Test Method
Mooney Viscosity <sup>(1)</sup> (ML 1+8@125°C)	30 - 40	MU	ASTM D1646
Chlorine Content	0.6 - 1.4	wt. %	Internal Method
Moisture Content	1.0 max.	wt. %	Internal Method
Ash Content	1.0 max.	wt. %	ASTM D5667
Density	0.92	g/cm <sup>3</sup>	ASTM D297
Antioxidant	Nonstaining		

## SUPPLY FORM

- 34 kg ± 1 kg (75 lbs ± 2 lbs) bales wrapped in a low melt dispersible film.
- 36 bales stacked in 1 returnable metal crate. Units weigh 1.224 MT (≈ 2,700 lbs)

## OTHER PRODUCT PROPERTIES

Cure Characteristics <sup>(2)(3)</sup>	Value	Unit	Test Method
Max. Torque (M <sub>H</sub> )	5.0 - 9.0	dN•m	ASTM D5289
Min. Torque (M <sub>L</sub> )	1.0 - 3.0	dN•m	ASTM D5289
Scorch Time (Ts1)	1.0 - 5.0	min	ASTM D5289
50% Cure Time (t'50)	3.0 - 11.0	min	ASTM D5289
90% Cure Time (t'90)	10.0 - 22.0	min	ASTM D5289