

CHLOROBUTYL RUBBER CBK-139

Chlorobutyl rubber	Product of chlorination of butyl rubber with unsaturation of min 1.8 mol%
Application	Tire and mechanical rubber industries, and for medical products
Chemical name	Chlorinated isobutylene-isoprene copolymer
Empiric formula	$(C_4H_8)_m(C_5H_8Cl)_n$
Technical specification	TU 20.17.10-096-05766801-2017

PROPERTY	VALUE	TEST METHOD
Viscosity, ML 1+8 (125°C), within the range	33 - 44	ASTM D 1646
Viscosity spread in a lot, max	4	Paragraph 4.2 TU
Chlorine, wt%, within the range	1.10 - 1.40	ASTM D 3566
Ash mass content, %, max	0.5	ISO 247 or ASTM D 5667
Antioxidant Irganox 101 (or similar), wt%, min	0.05	Paragraph 4.5 TU
Volatiles, wt%, max	0.7	ISO 248 or ASTM D 5668
Curing characteristics		
- ML, dNm	2.0 - 3.5	ASTM D 5289
- Mn, dNm	6.5 - 10.0	
- tS1, minutes	0.8 - 2.2	
- t50, minutes	2.5 - 5.0	
- t90, minutes	6.5 - 11.0	

Supply form	30 ± 1 kg bales
Packaging	Bales are wrapped in a PE film and packed in plastic pallet boxes
Transportation	Closed containers or trucks
Storage	Pallets with rubber are kept in max. 3 level stacks away from direct sunlight, rainfall and contamination

The information herein is based on our data compiled and believed to be reliable on the revision date. This specification does not relieve the Customer from liability for checking the product for compliance with the proposed application. The manufacturer is not responsible for any losses or damages that may arise due to application of this information