

Chlorobutyl Rubber

CIIR Grade Rubber

Description

Chlorobutyl Rubber (CIIR) is used by the tire industry in the production of inner liner of the tubeless tires and radial tires, heat-resistant tubes, and by the rubber processing industry in the production of rubber technical items and medical items.

Raw Polymer: Properties

Property	Unit	CBK-139	CBK-150
Mooney Viscosity*		34 - 44	45 - 55
Chlorine	% wt.	1.1 - 1.3	1.1 - 1.3
Ash (max.)	% wt.	0.5	0.5
Antioxidant Irganox 1010 Wingstey L	% wt.	0.1 - 0.3 0.1 - 0.3	0.1 - 0.3 0.1 - 0.3
Volatiles (max.)	% wt.	0.4	0.4
Modulus (min)**	MPa	4	4
Tensile Strength (min.)	MPa	12	12
Ultimate Elongation (min.)	%	400	400

* ML 1+8 (125°C)

** at 300% elongation

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Note: The technical data listed in this publication are typical values. Therefore, there may be a slight differences between the elements of a supplied product and the data.