



**PRODUCT SPECIFICATION  
CHLOROBUTYL RUBBER**

**product 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	CBK-139	CBK-150	
<b>Mooney viscosity (ML 1+8 at 125 degC)</b>	<b>34-44</b>	<b>45-55</b>	
<b>Chlorine, % wt.</b>	<b>1.15-1.35</b>	<b>1.1-1.3</b>	
<b>Ash (wt %) max.</b>	<b>0.5</b>	<b>0.5</b>	
<b>Antioxidant (wt %) Irganox 1010, min</b>	<b>0.05</b>	<b>0.05</b>	
<b>Volatiles (wt %), max.</b>	<b>0.5</b>	<b>0.5</b>	
<b>Modulus at 300 % elongation, (MPa) min.</b>	<b>4</b>	<b>4</b>	
<b>Tensile strength, (MPa), min.</b>	<b>12</b>	<b>12</b>	
<b>Ultimate elongation, (%), min.</b>	<b>400</b>	<b>400</b>	
<b>Vicat Softening °C, max</b>	<b>85</b>	<b>85</b>	
<b>Equivalent grades</b>			
	<b>Bayer / Polysar</b>	<b>1240</b>	<b>1255</b>
	<b>Exxon</b>	<b>1066</b>	<b>1068</b>
	<b>JSR</b>	<b>1066</b>	<b>1068</b>

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