

CIIR-139

Chlorobutyl rubber

A product obtained by chlorination of butyl rubber with unsaturation 1.8 mol% minimum

Appearance: light yellow; weight of a bale — 30 ± 1 kg

Package: EVA film; plastic container or metal container of type MB-5 (or its analogs)

Shelf life: 2 (two) years from the date of manufacture

Storage conditions: at the temperature not higher than 30 °C, in place protected from direct sunlight, atmospheric precipitation and pollution

Parameters	CIIR-139	Test method
Mooney viscosity ML ₁₊₈ (125 °C), UM, within	33-44	para. 4.2 of TU or ASTM D 1646
Viscosity spread in a lot Mooney, MU, max	4	para. 4.2 of TU
Chlorine, wt %, within	1,10-1,40	para. 4.3 of TU or ASTM D 3566
Ash, wt %, max	0,50	para.4.4 of TU or ISO 247 or ASTM D 5667
Non-staining antioxidant, wt %, min	0,05	para. 4.6 of TU
Loss on drying, wt %, max	0,70	para.4.7 of TU or ISO 248 or ASTM D 5668
Curing characteristics, within:		
- minimum torque ML, dNm	2,0-3,5	para. 4.9 of TU
- maximum torque, MH, dNm	6,5-10,0	para. 4.9 of TU
- time to cure start, tS1, minutes	0,8-2,2	para. 4.9 of TU
- time to 50% cure, t'(50) minutes	2,5-5,0	para. 4.9 of TU
- time to 90% cure, t'(90) minutes	6,5-11,0	para. 4.9 of TU

Technical support service: techservice@sibur.ru

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