

BIIR-232

Bromobutyl rubber

A product of butyl rubber bromination with unsaturation of min. 1,5% mol.

Appearance: white to amber 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: 1 (one) year 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	BIIR-232	Test method
Mooney viscosity ML ₁₊₈ (125 °C), UM, within	28-35	para. 4.2 of TU or ASTM D 1646
Viscosity spread in a lot Mooney, MU, max	4	para. 4.2 of TU
Bromine, wt %, within	1,50-2,20	para. 4.3 of TU or ASTM D 3566
Ash, wt %, max	0,70	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	1,2-3,3	para. 4.9 of TU
- maximum torque, MH, dNm	5,5-10,5	para. 4.9 of TU
- time to cure start, tS1, minutes	1,2-3,8	para. 4.9 of TU
- time to 50% cure, t'(50) minutes	3,5-7,1	para. 4.9 of TU
- time to 90% cure, t'(90) minutes	5,5-11,0	para. 4.9 of TU

Technical support service: techservice@sibur.ru

Issue: 27-February-2023

MOSCOW

16/1 Krzhizhanovskogo St., Moscow,
117218
Phone: +7 (495) 777-55-00; +7 (495)
780-55-00
E-mail: info@sibur.ru

VIENNA

SIBUR International Gesellschaft m.b.H.
Prinz Eugen-Straße 8-10 1040 Vienna, Austria
tel.: +43 1 370 8000
e-mail: office@sibur-int.com
www.sibur-int.com

ISTANBUL

SIBUR Istanbul Uluslararası Tic. Ltd. Şti.
Ferko Signature Levent
Esentepe, Büyükdere Cd. No:175, 4.Kat / A25
34394 Şişli/İstanbul
tel.: +90 (212) 465 2321
e-mail: info@sibur-int.com
www.sibur-int.com

SHANGHAI

SIBUR International Trading (Shanghai) Co., Ltd
Rm.62T70, SWFC Century Ave.100 Pudong New
Area, Shanghai
tel: +86 (021) 2206 5066
e-mail: infoChina@sibur-int.com
www.sibur-int.cn