

BIIR-246

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-246 | Test method |
|---|-----------|---|
| Mooney viscosity ML ₁₊₈ (125 °C), UM, within | 43-50 | 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 Khrizhzhansovskogo 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.62770, SWFC Century Ave.100 Pudong New
Area, Shanghai
tel: +86 (021) 2206 5066
e-mail: infoChina@sibur-int.com
www.sibur-int.cn