

# BR-544NP

## Neodymium butadiene rubber

A product of 1,3-butadiene polymerization in aliphatic hydrocarbons medium over neodymium compounds based catalyst system; features low MWD, perfect processing properties and high dynamic characteristics.

**Appearance:** white; weight of a bale —  $30 \pm 1$  kg

**Package:** PE film or 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	BR-544NP	Test method
Mooney viscosity $ML_{1+4}$ (100 °C), MU, within	40-49	para. 4.2 of TU or ASTM D 1646
Viscosity spread in a lot Mooney, MU, max	6	para. 4.2 of TU
Loss on drying, wt %, max	0,50	para.4.3 of TU or ASTM D 5668
Non-staining antioxidant, wt %, min	0,20	para. 4.4 of TU
Ash, wt %, max	0,50	para.4.5 of TU or ASTM D 5667
1.4-cis units, wt %, min	96	para. 4.6 of TU or para. 4.7 of TU

### Notes:

BR-544NP grade polydispersity value of no more than 2.6 is guaranteed by production technology and is determined as per GOST R 57268.3 and para. 4.11 of TU

Technical support service: [techservice@sibur.ru](mailto:techservice@sibur.ru)

Issue: 27-February-2023

#### MOSCOW

16/1 Kzhizhanovskogo St., Moscow,  
117218  
Phone: +7 (495) 777-55-00; +7 (495)  
780-55-00  
E-mail: [info@sibur.ru](mailto: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](mailto:office@sibur-int.com)  
[www.sibur-int.com](http://www.sibur-int.com)

#### ISTANBUL

SIBUR Istanbul Uluslararası Tic. Ltd. Şti.  
Fenko Signature Levent  
Esentepe, Büyükdere Cd. No:175, 4.Kat / A25  
34394 İTİSİ/İstanbul  
tel.: +90 (212) 465 2321  
e-mail: [info@sibur-int.com](mailto:info@sibur-int.com)  
[www.sibur-int.com](http://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](mailto:infoChina@sibur-int.com)  
[www.sibur-int.cn](http://www.sibur-int.cn)