

# IIR-1675N

## Butyl rubber

A product of isobutylene and isoprene copolymerization

**Appearance:** white to amber yellow; weight of a bale — 30 ± 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 40 °C, in place protected from direct sunlight, atmospheric precipitation and pollution

Parameters	IIR-1675N	Test method
Mooney viscosity ML <sub>1+8</sub> (125 °C), UM, within	46-56	para. 4.2 of TU or ASTM D 1646
Viscosity spread in a lot Mooney, MU, max	6	para. 4.2 of TU
Unsaturation, mol %, within	1,4-1,8	para. 4.3 of TU
Loss on drying, wt %, max.	0,30	para. 4.4 of TU or ASTM D 5668
Ash, wt %, max	0,30	para. 4.5 of TU or ASTM D 5667
Iron, wt %, max	0,010	para. 4.6 of TU
Adhesion reducing agent, wt %, max	1,1	para. 4.6 of TU
Non-staining antioxidant, wt %, within	0,05-0,20	para. 4.8, 4.9, 4.10, 4.11 of TU
Impurities	No	para. 4.12 of TU
<b>Curing characteristics, within:</b>		
- minimum torque ML, dNm	2,4-4,4	para. 4.13 of TU
- maximum torque, MH, dNm	16,0-20,0	para. 4.13 of TU
- time to cure start, tS1, minutes	1,1-3,1	para. 4.13 of TU
- time to 50% cure, t <sub>i</sub> (50) minutes	4,0-8,0	para. 4.13 of TU
- time to 90% cure, t <sub>i</sub> (90) minutes	22,0-26,0	para. 4.13 of TU

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