

# SSBR-2163 PF

## Synthetic styrene-butadiene rubber

Butadiene-styrene synthetic statistical functionalized branched rubber of SSBR-2163PF with increased content of 1,2-bonds and 1,4-trans-bonds (no less 14%) is the copolymerization product of 1,3-butadiene with styrene in hydrocarbon solvent in the presence of organolithium compounds and polymer microstructure modifiers. The polymer is produced batch process. The polymer contains no nitrosamines and substances that may become a source of nitrosamines.

**Appearance:** bale of white to beige color; weight of a bale — (30 ± 1) kg

**Package:** PE wrapping film (Vicat softening point ≤95 °C); metal containers (1.26 MT) or plastic containers (0.54 MT)

**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 and atmospheric precipitation

Parameters	SSBR-2163 PF	Test method
Mooney viscosity UML <sub>1+4</sub> (100 °C), UM	65 ± 4	ASTM D 1646
1,2 units,%	60.0–66.0	based on method ISO 21561
Bound styrene, % wt	20.0–22.0	based on method ISO 21561
Glass temperature, Tg, °C	minus 23– minus 19	based on method ISO 11357
Volatile matter, % wt	≤0.8	ASTM D 5668
Ash, % wt	≤0.2	ASTM D 5667
Non-staining antioxidant (CAS No 110553-27-0), % wt	0.3–0.5	method of supplier

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

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GLOBUS RUBCHEM (P) LTD.  
Kolkata | Mumbai | Chennai | Bangalore

### 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 İstanbul 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](mailto:info@sibur-int.com)  
[www.sibur-int.com](http://www.sibur-int.com)

### SHANGHAI

SIBUR International Trading (Shanghai) Co., Ltd  
Rm.74771, 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)