

# 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

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