

SSBR-1810 F

Synthetic styrene-butadiene rubber

Butadiene-styrene synthetic statistical functionalized branched rubber of SSBR-1810 F 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 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-1810 F	Test method
Mooney viscosity UML ₁₊₄ (100 °C), UM	75 ± 5	ASTM D 1646
1,2 units,%	8.0–12.0	based on method ISO 21561
Bound styrene, % wt	16.0–20.0	based on method ISO 21561
Glass temperature, T _g , °C	minus 80 – minus 70	based on method ISO 11357
Volatile matter, % wt	≤1.0	ASTM D 5668
Ash, % wt	≤0.3	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

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