

SSBR-3839F TDAE

Synthetic styrene-butadiene rubber

Styrene-butadiene synthetic rubber SSBR-3839F TDAE is the copolymerization product of 1,3-butadiene with styrene in hydrocarbon solvent in the presence of organolithium and electronodonor compounds; polymer is functionalized and branched. Polymer is TDAE oil extended and stabilized with staining antioxidant. The polymer contains no nitrosamines and substances that may become a source of nitrosamines.

Appearance: bale of dark-brown 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-3839F TDAE	Test method
Mooney viscosity UML ₁₊₄ (100 °C), UM	75–85	ASTM D 1646
1,2 units,%	37–41	based on method ISO 21561
Bound styrene, % wt	35–39	based on method ISO 21561
Solvent extract, % wt	25.8–28.8	method of supplier
Volatile matter, % wt	≤1.0	ASTM D 5668
Ash, % wt	≤0.3	ASTM D 5667
Glass temperature, Tg, °C	minus 29 ÷ minus 25	based on method ISO 11357

Technical support service: techservice@sibur.ru

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