

SSBR-3755 TDAE

Synthetic styrene-butadiene rubber

Styrene-butadiene synthetic rubber SSBR-2560 TDAE is the copolymerization product of 1,3-butadiene with styrene in hydrocarbon solvent in the presence of organolithium compounds and it is filled with TDAE oil 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 container (0.45MT)

Shelf life: 2 (two) years 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-3755 TDAE | Test method |
|--|----------------|---------------------------|
| Mooney viscosity UML ₁₊₄ (100 °C), UM | 70± 5 | ASTM D 1646 |
| 1,2 units,% | 52.0–58.0 | based on method ISO 21561 |
| Bound styrene, % wt | 36.0–39.0 | based on method ISO 21561 |
| Solvent extract, % wt | 26.3–29.3 | method of supplier |
| Volatile matter, % wt | ≤0.8 | ASTM D 5668 |
| Ash, % wt | ≤0.2 | ASTM D 5667 |

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Issue: 09-February-2021

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