

SBS R 30-00 A

Styrene-butadiene-styrene block copolymer

Radial styrene-butadiene thermoplastic elastomer SBS R30-00 A is essentially a product of styrene and butadiene block polymerization in hydrocarbon solution in the presence of alkyllithium catalyst. SBS R30-00 A is dusted with calcium stearate or amorphous silica. It is containing a no staining stabilizer.

Appearance: crumbs or powder white to light-beige color; weight — 14 kg or 900-1000 kg

Package: pallets or soft bag-container (big bag)

Shelf life: 1 (one) year from the date of manufacture

Storage conditions: not higher than 40 °C, in place protected from direct sunlight and atmospheric precipitation

| Parameters | SBS R 30-00 A | Test method |
|--|----------------|--------------------|
| Toluene solution viscosity 5,23% / 25 °C, cSt | 30±5 | ASTM D 445 |
| Volatile matter content, % wt | ≤ 0,8 | ASTM D 5668 |
| Ash content, % wt: a) calcium stearate b) silica | ≤ 0,3 ≤ 1,2 | ASTM D 5667 |
| Content of bound styrene, % wt | 30±1,5 | method of supplier |
| Melt flow index, 190°C/ 5 kg, g/10 min | < 1 | method of supplier |
| Tensile strength, MPa | ≥ 8,0 | ASTM D 412 |
| Tensile stress at 300 % elongation, MPa | ≥ 2,0 | ASTM D 412 |
| Ultimate elongation, % | ≥ 550 | ASTM D 412 |
| Hardness, Shore A | 82±5 | ASTM D 2240 |

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Issue: **01-April-2020**

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