

# SBS L 7420

## Styrene-butadiene-styrene block copolymer

Linear styrene-butadiene thermoplastic elastomer SBS L 7420 is essentially a product of styrene and butadiene block polymerization in hydrocarbon solution in the presence of alkyllithium catalyst. SBS L 7420 is dusted with calcium stearate, zinc 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 year since the date of manufacture

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

Parameters	SBS L 7420	Test method
Volatile matter content, wt %	≤0,5	ASTM D 5668
Ash content, wt %:		
a) calcium stearate or zinc stearate	≤0,3	ASTM D 5667
b) silica	≤1,2	
Content of bound styrene, wt %	38,5–41,5	method of supplier
Melt flow index, 190 °C/ 5 kg, g/10 min	3,0–11,0	method of supplier
Tensile strength, MPa	≥17	ASTM D 412
Ultimate elongation, %	550	ASTM D 412
Hardness, Shore A	86–98	ASTM D 2240

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