

Forumchem Technical Specification Sheet

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

Parameters	SBS L 7420	Test Method
Volatile matter content, % wt	$\leq 0,5$	ASTM D 5668
Ash content, % wt:		
a) calcium stearate or zinc stearate	$\leq 0,3$	ASTM D 5667
b) silica	$\leq 1,2$	
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

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 atmospheric precipitation