

Forumchem Technical Specification Sheet

SBS L 7413

Styrene-butadiene-styrene Block Copolymer

Linear styrene-butadiene thermoplastic elastomer SBS L 7413 is essentially a product of styrene and butadiene block polymerization in hydrocarbon solution in the presence of alkyllithium catalyst. SBS L 7413 is dusted with calcium stearate, zinc stearate or amorphous silica. It is containing a no staining stabilizer

Parameters	SBS L 7413	Test Method
Volatile matter content, % wt	≤ 0,5	ASTM D 5668
Ash content, % wt:		
a) calcium stearate	≤ 0,3	ASTM D 5667
b) silica	≤ 1,2	
Content of bound styrene, % wt	36,0-39,0	method of supplier
Melt flow index, 190°C/ 5 kg, g/10 min	8,0-18	method of supplier
Tensile strength, MPa	8,0	ASTM D 412
Tensile stress at 300 % elongation, MPa	2,0	ASTM D 412
Ultimate elongation, %	800	ASTM D 412
Hardness, Shore A	81-93	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