

Forumchem Technical Specification Sheet

SBS RP 8361

Styrene-butadiene-styrene Block Copolymer

Radial styrene-butadiene thermoplastic elastomer SBS RP 8361 is essentially a product of styrene and butadiene block polymerization in hydrocarbon solution in the presence of alkyl lithium catalyst. SBS RP 8361 is dusted with calcium stearate, zinc stearate or amorphous silica. It is containing a no staining stabilizer

Parameters	SBS RP 8361	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	28,5–31,5	method of supplier
Melt flow index, 190 °C/ 5 kg, g/10 min	8,0–14,0	method of supplier
Tensile strength, MPa	3,5	ASTM D 412
Tensile stress at 300 % elongation, MPa	1,0	ASTM D 412
Ultimate elongation, %	600	ASTM D 412
Hardness, Shore A	47–59	ASTM D 2240
Paraffin-naphthenic oil content, %	29–33	

Appearance: crumbs or powder white to light-beige color; weight — 14 kg or 800-1000 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