

Forum Chemical Technical Specification Sheet

DST L 30-01**Styrene-butadiene-styrene Block Copolymer**

Linear styrene-butadiene thermoplastic elastomer DST L 30-01 is essentially a product of styrene and butadiene block polymerization in hydrocarbon solution in the presence of alkyl lithium catalyst. DST L 30-01 is dusted with calcium stearate or amorphous silica. It is containing a no staining stabilizer.

Parameters	DST L 30-01	Test Method
Toluene solution viscosity 5,23% / 25 °C, cSt	14±5	ASTM D 445
Volatile matter content, % wt	≤ 0,8	ASTM D 5668
Ash content, % wt:		
a) calcium stearate	≤ 0,3	ASTM D 5667
b) silica	≤ 1,0	
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	≥ 14,7	ASTM D 3182
Tensile stress at 300 % elongation, MPa	≥ 2.7	ASTM D 412
Ultimate elongation, %	≥ 700	ASTM D 412
Hardness, Shore A	72 ± 5	ASTM D 2240

Appearance: crumbs or powder white to light-beige color; weight – 12 kg or 800-1000 kg.

Package: cardboard 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