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## SBS - 3501

### TECHNICAL DATA SHEET / SALES SPECIFICATION

Styrene - Butadiene block copolymer specially designed for asphalt modification, compounding and for solvent based adhesive applications.

### TYPICAL POLYMER COMPOSITION

<b>Molecular Structure</b>	<b>Linear</b>
<b>Styrene Content</b>	<b>30% By weight</b>
<b>Butadiene Content</b>	<b>70% By weight</b>

### SPECIFICATION

<u>Polymer Properties</u>	<u>Unit Measure</u>	<u>Typical Value</u>	<u>Range</u>	<u>Test Method</u>	<u>Referred Standard</u>
Specific Gravity	g/cc	0.94	N/A		ASTM D 792
Volatile Matter	%	0.17	2.0 max	BP 70	ASTM D 1416
Ash Content	%	0.11	2.0 max	BP 8	ASTM D 1416
Bound Styrene	%	32	28 – 35	BP 10	ASTM D 1416
Coupling Efficiency	%	90	84 min	BP 540	
Shore A Hardness	Sh A	80	N/A	BP 718	ASTM D 2240
Brookfield Viscosity (A)	cps	5400	4000-6200	BP 705	ASTM D 1084
Di-block Content	%	10			
Molecular Weight	Daltons	120	110 – 130	BP 540	

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