

SBS – GP 1

TECHNICAL DATA SHEET / SALES SPECIFICATION

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

TYPICAL POLYMER COMPOSITION

Molecular Structure	Radial
Styrene Content	30% By weight
Butadiene Content	70% By weight
Physical Form	Pellet / Crumb

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	%	0.21	1.0 max	BP 70	ASTM D 5668
Ash Content	%	0.1	1.0 max	BP 8	ASTM D 5667
Bound Styrene	%	30	29 - 33	BP 10	-
Molecular Weight x1000	Daltons	250	230 – 260	BP 540	ASTM D 5296
Coupling Efficiency	%	90	85 min.	BP 540	ASTM D 5296

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