

SBS – GP 4000

TECHNICAL DATA SHEET / SALES SPECIFICATION

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

TYPICAL POLYMER COMPOSITION

Molecular Structure	Hybrid
Styrene Content	30% By weight
Butadiene Content	70% By weight

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	%	0.2	1.0 max	BP 70	ASTM D 1416
Ash Content	%	0.1	6.0 max	BP 8	ASTM D 1416
Bound Styrene	%	32	28 – 35	BP 10	ASTM D 1416
Shore A Hardness	Sh A	78	N/A	BP 718	ASTM D 2240
Brookfield Viscosity (A)	cps	11,500	10-13,000	BP 705	ASTM D 1084
Molecular Weight	Daltons	180	170 – 190	BP 540	

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