

## SBS – GP 5

### TECHNICAL DATA SHEET / SALES SPECIFICATION

Styrene - Butadiene block copolymer developed for roofing, paving, adhesive and plastics modification applications.

### TYPICAL POLYMER COMPOSITION

Molecular Structure	Linear
Styrene Content	31% By weight
Butadiene Content	69% 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	%	0.18	1.0 max	BP 70	ASTM D 5668
Ash Content	%	0.09	1.0 max	BP 8	ASTM D 5667
Bound Styrene	%	31	28.5-32.5	BP 10	-
Melt Flow Index (A)	g/10 min.	8	6 - 16	BP 708	ASTM D 1238
Coupling Efficiency	%	25	21 - 30	BP 540	

(A) 5 Kg. @ 190°C

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