

SBS – GP 14

TECHNICAL DATA SHEET / SALES SPECIFICATION

Styrene - Butadiene block copolymer developed for Adhesives, Compounding and Plastics Modification

TYPICAL POLYMER COMPOSITION

Molecular Structure	Radial
Styrene Content	40% By weight
Butadiene Content	60% 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	0.95	N/A		ASTM D 792
Volatile Matter	%	0.14	1.0 max	BP 70	ASTM D 5668
Ash Content	%	0.12	1.0 max	BP 8	ASTM D 5667
Bound Styrene	%	40	38.5-42.5	BP 10	-
Melt Flow Index (A)	g/10 min.	10	5 - 15	BP 708	ASTM D 1238
Coupling Efficiency	%	75	65 - 85	BP 540	ASTM D 5296
Shore A Hardness	Sh A	89	N/A	BP 718	ASTM D 2240
Brookfield Viscosity B)	cps	480	N/A	BP 705	ASTM D 2196

(A) 5 Kg. @ 190°C

(B) Toluene solution, total solids content 25% by weight at temperature of 23°C

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