

TAIPOL SBS-4202 Polymer Data

Polymerization System	-- Solution Polymerization, styrene-butadiene block copolymer
Stabilizer	-- Non-staining
Characteristics	-- High transparency -- High tensile strength -- Excellent low temperature properties --
Application	-- Mainly for plastic modification, adhesives(HMA), asphalt modification, elastic compounds, shoe soles.

<u>Polymer Properties</u>		<u>Specification Range</u>		<u>Test Method</u>
		<u>min</u>	<u>max</u>	
Bound Styrene	(%)	38.5	41.5	TDM-01
Volatile matter	(%)	—	0.5	TDM-03
Yellow Index		—	4.0	TDM-04
Ash	(%)	—	0.2	ASTM D-5667
Specific gravity		0.96 Typical		ASTM D-792
Gel	(%)	—	0.1	TDM-05
Melt flow(190°C /5kg)	(g/10min.)	3.0	11.0	ASTM D-1238
Hardness	(Type A)	92 Typical		ASTM D-2240

