



ACCELERATING GROWTH, BINDING TRUST

DATA SHEET

SBR- 1502 Polymer Data

Polymerization System	: Cold emulsion Polymerization
Emulsifier	: Mixed acid soap
Stabilizer	: Non Staining, Non Discolouring
Coagulant	: Acid
Characteristics	: Bright coloured stock with excellent colour stability Improved abrasion resistance, flexibility, where excellent physical Properties and non-staining antioxidant are required.
Application	: Tires (especially white sidewall), shoe soles and heels, sporting goods, Floor covering, Industrial goods (especially light coloured goods) and miscellaneous items.

SPECIFICATION VALUES				
<u>POLYMER PROPERTIES</u>		<u>Minimum</u>	<u>Maximum</u>	<u>Test Method</u>
Bound Styrene	(%)	22.5.01	24.5	ASTM D-5775
Volatile Matter	(%)	-----	0.75	ASTM D- 5668
Ash	(%)	-----	0.75	ASTM D- 5667
Organic Acid	(%)	4.75	7.00	ASTM D-5774
Soap	(%)	-----	0.50	ASTM D-5774
Mooney Viscosity ML... 100°		46	58	ASTM D-1646

*Massed Sample

COMPOUND PROPERTIES (Test Recipe ASTM D 3185; Cure @145°C)

Tensile Strength 412	35'(kg/cm')	230	---	ASTM D-
Elongation 21.	35'(%)	330	---	ASTM D-
300% Modulus 21.	25 (kg/cm')	130	170	ASTM D-
21.	35'(kg/cm')	160	200	ASTM D-
21.	50 (kg/cm')	175	215	ASTM D-

Test Recipe, ASTM D-3185**Parts**

Taipol SBR – 1502	100.00
Zinc Code	3.00
Sulphur	1.75
HAF Black (IRB#7)	50.00
TBBS	1.00
Total	156.75

**Limited Warranty**

There are no warranties which extend beyond the product description herein, and seller makes no warranty, express or implied, of fitness for particular use, merchantability or otherwise with respect to product, whether used singly or in combination with other substances or in any process, except that product sold hereunder shall conform to seller's standard sales specifications as of the date of the shipment. Without limiting the foregoing, seller does not recommend or endorse the use of products in any medical application and specifically disclaims any representation or warranty, express or implied, of suitability or fitness for use or otherwise, with respect to products used in any medical application. Buyer represents and warrants that no product purchased hereunder will be used in or resold into any commercial or developmental manner in connection with medical applications without seller's prior express written acknowledgement, further buyer agrees that it will make no representations, express or implied, to any person to the effect that seller recommends or endorses the use of products purchased hereunder in any medical application.