



DATA SHEET

SBR- 1500E Polymer Data

Polymerization System	: Cold emulsion Polymerization
Emulsifier	: Rosin Acid Soap
Stabilizer	: Staining
Coagulant	: Acid
Characteristics	: Better physical properties than its corresponding hot rubber, Excellent track properties and good wear an flexing resistance.
Application	: Tires, conveyor belts, camelback, rubber sheet or clothes as well as Molded or extruded mechanical goods.

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 (%)	-----	1.00	ASTM D- 5667
Organic Acid (%)	5.00	7.25	ASTM D-5774
Mooney Viscosity ML... 100°	46	46	ASTM D-1646

*Massed Sample

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

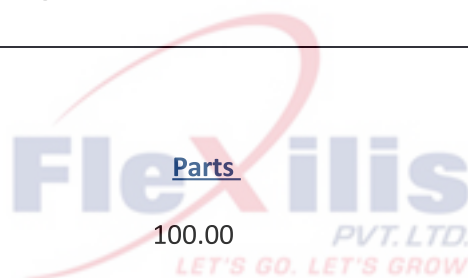
Tensile Strength 412	35'(kg/cm')	210	---	ASTM D-
Elongation -,)	35'(%)	400	---	ASTM D-
300% Modulus -,)	25 (kg/cm')	115	155	ASTM D-
-,)	35'(kg/cm')	150	190	ASTM D-
-,)	50 (kg/cm')	170	210	ASTM D-

Test Recipe, ASTM D-3185

Taipol SBR – 1500E	100.00
Zinc Code	3.00
Stearic acid	1.00
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



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