



BR-0150 Polymer Data

Polymerization System	--	Solution Polymerization
Catalyst	--	Ziegler Cobalt Type
Configuration	--	96% cis minimum
Stabilizer	--	Non-staining
Specific gravity	--	0.91
Characteristics	--	Good abrasion resistance
	--	Low heat build-up
	--	High resilience
	--	Good low temperature properties
	--	Low hysteresis
Application	--	Mainly for tires, hoses, footwear, belts, golf ball and industrial goods.

Specification Values

<u>POLYMER PROPERTIES</u>	<u>minimum.</u>	<u>maximum</u>	<u>Test Method</u>
Mooney Viscosity, ML ₁₊₄ 100°C	38	48	ASTM D-1646
Volatile Matter (%)	-----	0.5	ASTM D-5668
Ash (%)	-----	0.2	ASTM D-5667

COMPOUND PROPERTIES(Test Recipe ASTM D-3189; Cure @ 145°C)

Compound Mooney Viscosity				
	ML ₁₊₄ 100°C	-----	75	ASTM D-1646
Tensile Strength	35' (kg/cm ²)	130	-----	ASTM D-412
Elongation	35' (%)	300	-----	ASTM D-412
300% Modulus	25' (kg/cm ²)	75	115	ASTM D-412
	35' (kg/cm ²)	85	125	ASTM D-412
	50' (kg/cm ²)	85	125	ASTM D-412



台橡股份有限公司
TSRC CORPORATION

<u>Test Recipe, ASTM D-3189</u>	<u>Parts</u>
Taipol BR-0150	100.00
HAF black (IRB#9)	60.00
ASTM Type 103 Petroleum Oil	15.00
Zinc Oxide	3.00
Stearic Acid	2.00
TBBS	0.90
<u>Sulfur</u>	<u>1.50</u>
Total	182.40

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 product(s) 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 product(s)' use in any medical application. Buyer represents and warrants that no product(s) 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 product(s) purchased hereunder in any medical application.