



SSBR-2416 Polymer Data

Polymerization System	Solution Polymerization, styrene butadiene random copolymer
Stabilizer	Non-staining
Characteristics	High strength, better resilience and rolling resistance
Application	Tire, footwear and industrial goods.

<u>Polymer Properties</u>		<u>Specification Range</u>		<u>Test Method</u>
		<u>min</u>	<u>max</u>	
Bound Styrene	(%)	20.0	22.0	K62-TPPC-21
ML ₁₊₄ , 100°C		49	61	ASTM D-1646
Volatile matter	(%)	-----	1.0	K62-TPFP-01
Ash	(%)	-----	0.5	ASTM D-5667
1,2-Vinyl	(%)	65.0 typical		K62-TPPC-21

<u>COMPOUND</u>	Curing @145°C			<u>Test Method</u>	
<u>PROPERTIES</u>					
Tensile Strength	35'	(kg/cm ²)	100	-----	ASTM D-412
Elongation	35'	(%)	350	-----	ASTM D-412
300% Modulus	35'	(kg/cm ²)	50	-----	ASTM D-412

<u>Test Recipe</u>	<u>Parts</u>
SSBR-2416	100
N330	50
Dark oil	10
Wax	1.5
S.A	2
ZnO	4
A.O(3C)	1
CZ	1
S	1.75
Total	171.25

