

KOSYN SBR

1500S

tcirubber



Typical Properties for KOSYN SBR:

Bound Styrene (%)	23.5
Raw MV (ML ₁₊₄ , 100°C)	52
Stabilizer	Staining
Emulsifier	Rosin Soap
Coagulant	Salt - Acid
Specific Gravity	0.93
Compound Properties	
Compound MV (ML ₁₊₄ , 100°C)	81
Rheometer (160° C, ARC ±1)	
ML (lbf - in)	15.6
MH (lbf - in)	49.2
Ts 1 (Min)	5.1
T' 50 (Min)	11.3
T' 90 (Min)	20.1
Cured*4	
300% Modulus (kgf/cm ²)	161
Strength (kgf/cm ²)	305
Elongation (%)	510
Hardness (Shore-A)	72
Tear Resistance (B-Type, Kg/cm ²)	54
Compression Set	
100° C X 70 Hrs. 25% def., %	52
Rebound (ASTM.%)	54
Fire Crack Resistance*5	3 x 10 ³
Abrasion Loss*6	0.20

SBR 100, ZnO 3, S/A 1, HAF Black (IRB#7) 50, Accelerator TBBS 1.00 Sulphur 1.75
Total: 156.75

*4) Press cured 35 Minutes at 145°C *5) De Mattia Flexometer: Cut Growth 2mm → 15mm, Flexes *6) Akron Type Tester, cc/1000rev.

NOTE: The above data are typical value; therefore, they may differ slightly from the physical properties of the supplied product.

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