

KOSYN SBR

1507H

tcirubber



Typical Properties for KOSYN SBR:

Bound Styrene (%)	23.5
Raw MV (ML ₁₊₄ , 100°C)	40
Stabilizer	Non-Staining
Emulsifier	Mixed Soap of Rosin Acid and Fatty Acid
Coagulant	Salt - Acid
Specific Gravity	0.94
Compound Properties	
Compound MV (ML ₁₊₄ , 100°C)	71
Rheometer (160° C, ARC ±1)	
ML (lbf - in)	12.8
MH (lbf - in)	47.6
Ts 1 (Min)	4.7
T'50 (Min)	11.6
T'90 (Min)	20.6
Cured*4	
300% Modulus (kgf/cm ²)	183
Strength (kgf/cm ²)	290
Elongation (%)	460
Hardness (Shore-A)	71
Tear Resistance (B-Type, Kg/cm ²)	51
Compression Set	
100° C X 70 Hrs. 25% def., %	52
Rebound (ASTM.%)	55
Fire Crack Resistance*5	4 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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