

KOSYN SBR

1712H

tcirubber



Typical Properties for KOSYN SBR:

Bound Styrene (%)	23.5
Extender oil type	Aromatic
PHR	37.5
Raw MV (ML ₁₊₄ , 100°C)	53
Stabilizer	Staining
Coagulant	Mixed Soap of Rosin Acid and Fatty Acid
Specific Gravity	0.95
Compound Properties	
Compound MV (ML ₁₊₄ , 100°C)	65
Rheometer (160° C, ARC ±1)	
ML (lbf - in)	13.6
MH (lbf - in)	37.4
Ts 1 (Min)	6.1
T' 50 (Min)	10.7
T' 90 (Min)	18.3
Cured*4	
300% Modulus (kgf/cm ²)	110
Strength (kgf/cm ²)	243
Elongation (%)	570
Hardness (Shore-A)	63
Tear Resistance (B-Type, Kg/cm ²)	43
Compression Set	
100° C X 70 Hrs. 25% def., %	49
Rebound (ASTM.%)	46
Fire Crack Resistance*5	10 x 10 ³
Abrasion Loss*6	0.17

SBR 137.5, ZnO 3, S/A 1,
HAF Black (IRB#7) 68.75,
Accelerator TBBS 1.38,
Sulphur 1.75
Total: 213.38

*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 proper-
ties of the supplied product.

torchfire
tcirubber

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