

KOSYN SBR

1778K

tcirubber



Typical Properties for KOSYN SBR:

Bound Styrene (%)	23.5
Extender oil type	Napthenic
PHR	37.5
Raw MV (ML ₁₊₄ , 100°C)	46
Stabilizer	Non-Staining
Coagulant	Mixed Soap of Rosin Acid and Fatty Acid
Specific Gravity	0.92
Compound Properties	
Compound MV (ML ₁₊₄ , 100°C)	57
Rheometer (160° C, ARC ±1)	
ML (lbf - in)	13.5
MH (lbf - in)	36.0
Ts 1 (Min)	5.7
T' 50 (Min)	11.3
T' 90 (Min)	20.0
Cured*4	
300%Modulus (kgf/cm ²)	129
Strength (kgf/cm ²)	221
Elongation (%)	460
Hardness (Shore-A)	60
Tear Resistance (B-Type, Kg/cm ²)	45
Compression Set	
100° C X 70 Hrs. 25% def., %	53
Rebound (ASTM.%)	49
Fire Crack Resistance*5	10 x 10 ³
Abrasion Loss*6	0.15

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/I000rev.

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

torchfire
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