

KOSYN SBR

1712

tcirubber



Typical Properties for KOSYN SBR:

| | |
|---|---|
| Bound Styrene (%) | 23.5 |
| Extender oil type | Aromatic |
| PHR | 37.5 |
| Raw MV (ML ₁₊₄ , 100°C) | 49 |
| Stabilizer | Staining |
| Coagulant | Mixed Soap of Rosin Acid and Fatty Acid |
| Specific Gravity | 0.95 |
| Compound Properties | |
| Compound MV (ML ₁₊₄ , 100°C) | 63 |
| Rheometer (160° C, ARC ±1) | |
| ML (lbf - in) | 13.5 |
| MH (lbf - in) | 37.0 |
| Ts 1 (Min) | 5.8 |
| T' 50 (Min) | 9.9 |
| T' 90 (Min) | 17.2 |
| Cured*4 | |
| 300% Modulus (kgf/cm ²) | 108 |
| Strength (kgf/cm ²) | 243 |
| Elongation (%) | 580 |
| Hardness (Shore-A) | 63 |
| Tear Resistance (B-Type, Kg/cm ²) | 42 |
| Compression Set | |
| 100° C X 70 Hrs. 25% def., % | 50 |
| Rebound (ASTM.%) | 45 |
| 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/l000rev.

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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