

KOSYN SBR

1712L

tcirubber



Typical Properties for KOSYN SBR:

Bound Styrene (%)	23.5
Extender oil type	Aromatic
PHR	37.5
Raw MV (ML ₁₊₄ , 100°C)	35
Stabilizer	Staining
Coagulant	Mixed Soap of Rosin Acid and Fatty Acid
Specific Gravity	0.95
Compound Properties	
Compound MV (ML ₁₊₄ , 100°C)	52
Rheometer (160° C, ARC ±1)	
ML (lbf - in)	11.1
MH (lbf - in)	34.7
Ts 1 (Min)	5.9
T' 50 (Min)	10.2
T' 90 (Min)	17.6
Cured*4	
300% Modulus (kgf/cm ²)	102
Strength (kgf/cm ²)	233
Elongation (%)	590
Hardness (Shore-A)	63
Tear Resistance (B-Type, Kg/cm ²)	41
Compression Set	
100° C X 70 Hrs. 25% def., %	53
Rebound (ASTM.%)	44
Fire Crack Resistance*5	10 x 10 ³
Abrasion Loss*6	0.14

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 properties of the supplied product.

torchfire
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Torchfire Canada Inc.

6597 Kitimat Road, Mississauga, Ontario L5N4J4

Tel 905 821-1183 | Toll-free 866 821-1183 | Fax 905 821-4188

www.tcirubber.com



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