

KOSYN S-SBR

SOL 5001

tcirubber



Typical Properties for KOSYN SOL:

Mooney Viscosity (ML ₁₊₄ , 100°C)	34
Vinyl Contents (wt% in butadiene Unit)	30
Bound Styrene (%)	25
Cured Rubber MV (ML ₁₊₄ , 100°C)	68
Rheometer (160° C, ARC ±1)	
ML (lbf - in)	5.4
MH (lbf - in)	41.4
Ts 1 (Min)	2.6
T' 50 (Min)	4.2
T' 90 (Min)	8.3
Cured* ²	
300% Modulus (kgf/cm ²)	266
Strength (kgf/cm ²)	165
Elongation (%)	420
Hardness (Shore-A)	70
Tear Resistance (B-Type, Kg/cm ²)	38
Rebound (ASTM.%)	54
Abrasion Loss* ³	0.1597
H.B.U. (°C)* ⁴	23.50

Polymer 100 ZnO 3, S/A 1, HAF Black (IRB#7) 50, DO 3, DM 0.6, Sulphur 1.75
Total: 156.65

*2) Press cured 35 Minutes at 145°C

*3) Akron type Tester

*4) Goodrich Flexometer

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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