

KOSYN NBR

KNB 35M

tcirubber



Typical Properties for KOSYN KNB:

Bound AN (%)	34
Raw MV (ML ₁₊₄ , 100°C)	60
Specific Gravity	0.98
Compound Properties	
Compound MV (ML ₁₊₄ , 100°C)	90
Rheometer (160° C, ARC ±1)	
ML (lbf - in)	15.5
MH (lbf - in)	44.0
Ts 1 (Min)	2.0
T' 50 (Min)	4.2
T' 90 (Min)	16.3
Cured*2	
300% Modulus (kgf/cm ²)	153
Tensile Strength (kgf/cm ²)	327
Elongation (%)	520
Hardness (Shore-A)	74
ATSM #1 Oil Immersion Change*3	
300% Modulus (%)	40
Tensile Strength (%)	-6
Elongation	-21
Hardness (Change %)	-1
Volume (Change %)	0

NBR 100, ZnO 3, S/A 1, HAF Black (IRB#7) 40, Accelerator TBBS 0.7 Sulphur 1.75
Total: 146.2

*2) Press cured 40 Minutes at 150°C

*3) 100°C X 70 Hours. Change Rate

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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