

KOSYN NBR

KNB 40M

tcirubber



Typical Properties for KOSYN KNB:

Bound AN (%)	41
Raw MV (ML ₁₊₄ , 100°C)	60
Specific Gravity	1.00
Compound Properties	
Compound MV (ML ₁₊₄ , 100°C)	92
Rheometer (160° C, ARC ±1)	
ML (lbf - in)	11.5
MH (lbf - in)	41.9
Ts 1 (Min)	3.2
T' 50 (Min)	6.6
T' 90 (Min)	19.6
Cured*2	
300% Modulus (kgf/cm ²)	160
Tensile Strength (kgf/cm ²)	345
Elongation (%)	560
Hardness (Shore-A)	75
ATSM #1 Oil Immersion Change*3	
300% Modulus (%)	45
Tensile Strength (%)	-1
Elongation	-26
Hardness (Change %)	4
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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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

