

KOSYN NBR

KNB 25M

tcirubber



Typical Properties for KOSYN KNB:

Bound AN (%)	28
Raw MV (ML ₁₊₄ , 100°C)	60
Specific Gravity	0.96
Compound Properties	
Compound MV (ML ₁₊₄ , 100°C)	90
Rheometer (160° C, ARC ±1)	
ML (lbf - in)	15.7
MH (lbf - in)	41.0
Ts 1 (Min)	2.9
T' 50 (Min)	4.3
T' 90 (Min)	16.9
Cured*2	
300% Modulus (kgf/cm ²)	155
Tensile Strength (kgf/cm ²)	285
Elongation (%)	480
Hardness (Shore-A)	73
ATSM #1 Oil Immersion Change*3	
300% Modulus (%)	22
Tensile Strength (%)	-8
Elongation	-20
Hardness (Change %)	-4
Volume (Change %)	2

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
tcirubber

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



ISO 9001:2000
FS 98005