

# KOSYN NBR

## KNB 40H

**tcirubber**



### Typical Properties for KOSYN KNB:

Bound AN (%)	41
Raw MV (ML <sub>1+4</sub> , 100°C)	80
Specific Gravity	1.00
Compound Properties	
Compound MV (ML <sub>1+4</sub> , 100°C)	113
Rheometer (160° C, ARC ±1)	
ML (lbf - in)	13.9
MH (lbf - in)	45.1
Ts 1 (Min)	2.7
T' 50 (Min)	6.2
T' 90 (Min)	20.1
Cured*2	
300% Modulus (kgf/cm <sup>2</sup> )	170
Tensile Strength (kgf/cm <sup>2</sup> )	360
Elongation (%)	540
Hardness (Shore-A)	75
ATSM #1 Oil Immersion Change*3	
300% Modulus (%)	47
Tensile Strength (%)	-6
Elongation	-29
Hardness (Change %)	4
Volume (Change %)	-1

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.

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