

# KOSYN NBR

## KNB 25LH

tcirubber



### Typical Properties for KOSYN KNB:

Bound AN (%)	28
Raw MV (ML <sub>1+4</sub> , 100°C)	70
Specific Gravity	0.96
Compound Properties	
Compound MV (ML <sub>1+4</sub> , 100°C)	101
Rheometer (160° C, ARC ±1)	
ML (lbf - in)	18
MH (lbf - in)	42.0
Ts 1 (Min)	3.3
T' 50 (Min)	4.9
T' 90 (Min)	16.0
Cured*2	
300% Modulus (kgf/cm <sup>2</sup> )	168
Tensile Strength (kgf/cm <sup>2</sup> )	285
Elongation (%)	440
Hardness (Shore-A)	73
ATSM #1 Oil Immersion Change*3	
300% Modulus (%)	24
Tensile Strength (%)	-8
Elongation	-23
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.

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