

# KOSYN HBR

## KBR 01

tcirubber



### Typical Properties for KOSYN KBR:

cis-1,4 Content (%)	95
Raw MV (ML <sub>1+4</sub> , 100°C)	45
Stabilizer	Non-Staining
Volatile Matter (%)	0.20
Ash Content (%)	0.03
Specific Gravity	0.91
Compound MV (ML <sub>1+4</sub> , 100°C)	56
Rheometer (160° C, ARC ±1)	
ML (lbf - in)	8.9
MH (lbf - in)	36.9
Ts 1 (Min)	4.2
T'50 (Min)	9.0
T'90 (Min)	11.9
Cured*4	
300%Modulus (kgf/cm <sup>2</sup> )	108
Strength (kgf/cm <sup>2</sup> )	196
Elongation (%)	490
Hardness (JIS-A)	62
Tear Resistance (B-Type, Kg/cm <sup>2</sup> )	36
Rebound (ASTM.%)	52
Abrasion Loss*6	0.0037
Heat Build up*5	24.0

BR 100, ZnO 3, S/A 2, HAF Black (IRB#7) 60, Aromatic Oil 15, Accelerator TBBS 0.9, Sulphur 1.5  
Total: 182.4

\*4) Press cured 35 Minutes at 145°C

\*5) Goodrich Flexometer

\*6) Akron Type Tester, cc/1000rev.

NOTE: The above data are typical value; therefore, they may differ slightly from the physical properties of the supplied product.

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