

# KUMHO KNB 40M PRODUCT SPECIFICATION

Revision No. : 1

Issuing Date : Feb 05,2014

Revision Date : October 01, 1999

Spec. No. : D320-09-U31

ANALYSIS ITEMS	SPECIFICATION		TEST METHOD
	Min.	Max.	
VOLATILE MATTER (%)		0.50	ASTM D5668
ASH CONTENT (%)		0.80	ASTM D5667
BOUND AN (%)	39.0	43.0	UPS E493-03-U32
RAW MOONEY VISCOSITY, ML1+4 at 100 °C	55.0	65.0	ASTM D1646
TENSILE STRENGTH, Kgf/cm <sup>2</sup> 40'	220		ASTM D3187 & D412
ELONGATION, % 40'	400		
300% MODULUS, kgf/cm <sup>2</sup> 40'	120	180	

Note : 1. Vulcanizing condition : 150 °C X 40' Press vulcanizing

2. Carbon Black IRB # 7

J. W. Kang



jwkang@kkpc.com

General Manager, QA Team

Ulsan Sythetic Rubber Plant, Kumho Petrochemical