

KUMHO KNB 3445G PRODUCT SPECIFICATION

Revision No. : 0

Issuing Date : Jul 19,2013

Revision Date : January 6, 2006

Spec. No. : D320-21-U31

ANALYSIS ITEMS	SPECIFICATION		TEST METHOD
	Min.	Max.	
VOLATILE MATTER (%)		0.75	ASTM D5668
ASH CONTENT (%)		0.75	ASTM D5667
BOUND AN (%)	32.5	35.5	UPS E493-03-U32
RAW MOONEY VISCOSITY, ML1+4 at 100 °C	40.0	50.0	ASTM D1646
TENSILE STRENGTH, Kgf/cm ² 40'	200		ASTM D3187 & D412
ELONGATION, % 40'	300		
300% MODULUS, kgf/cm ² 40'	105	165	

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