

KUMHO 1739 PRODUCT SPECIFICATION

Revision No. : 1

Issuing Date : Dec 28,2012

Revision Date : June 22, 2009

Spec. No. : D310-31-U31

ANALYSIS ITEMS	SPECIFICATION		TEST METHOD
	Min.	Max.	
VOLATILE MATTER (%)		0.50	ASTM D5668
ASH CONTENT (%)		0.80	ASTM D5667
OIL CONTENT (%)	25.8	28.8	ASTM D5774
ORGANIC ACID (%)	4.1	5.7	
SOAP CONTENT (%)		0.50	
BOUND STYRENE (%)	38.5	41.5	ASTM D5775
RAW MOONEY VISCOSITY, ML1+4 at 100 °C	49.0	59.0	ASTM D1646
COMPOUND MV VISCOSITY, ML1+4 at 100 °C		88.0	
TENSILE STRENGTH, Kgf/cm ²	35'	200	ASTM D3185 & D412
ELONGATION, %	35'	430	
300% MODULUS, kgf/cm ²	35'	95	

Note : 1. Extending oil : TDAE type

2. Vulcanizing condition : 145 °C X 35' Press vulcanizing

3. Carbon Black IRB # 7

J. W. Kang



jwkang@kkpc.com

General Manager, QA Team

Ulsan Synthetic Rubber Plant, Kumho Petrochemical