

# KUMHO 1712 PRODUCT SPECIFICATION

Revision No. : 10

Issuing Date : Jan 29,2013

Revision Date : October 01, 1999

Spec. No. : D310-04-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 (%)	3.90	5.70	
SOAP CONTENT (%)		0.50	
BOUND STYRENE (%)	22.5	24.5	ASTM D5775
RAW MOONEY VISCOSITY, ML1+4 at 100 °C	44.0	54.0	ASTM D1646
COMPOUND MV VISCOSITY, ML1+4 at 100 °C		71.0	
TENSILE STRENGTH, Kgf/cm <sup>2</sup>	35'	215	ASTM D3185 & D412
ELONGATION, %	35'	500	
300% MODULUS, kgf/cm <sup>2</sup>	35'	95	

Note : 1. Vulcanizing condition : 145 °C X 35' Press vulcanizing

2. Carbon Black IRB # 7

J. W. Kang



jwkang@kkpc.com

General Manager, QA Team

Ulsan Sythetic Rubber Plant, Kumho Petrochemical