

KUMHO 1745T PRODUCT SPECIFICATION

Revision No. : 0

Issuing Date : Mar 07,2013

Revision Date :

Spec. No. :

ANALYSIS ITEMS	SPECIFICATION		TEST METHOD
	Min.	Max.	
VOLATILE MATTER (%)		0.75	ASTM D5668
ASH CONTENT (%)		0.75	ASTM D5667
OIL CONTENT (%)	25.8	28.8	ASTM D5774
ORGANIC ACID (%)	4.1	5.7	
SOAP CONTENT (%)		0.50	
BOUND STYRENE (%)	43.5	46.5	ASTM D5775
RAW MOONEY VISCOSITY, ML1+4 at 100 °C	63.0	77.0	ASTM D1646
COMPOUND MV VISCOSITY, ML1+4 at 100 °C		95.0	
TENSILE STRENGTH, Kgf/cm ²	35'	200	ASTM D3185 & D412
ELONGATION, %	35'	450	
300% MODULUS, kgf/cm ²	35'	100	

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