

KUMHO 1778K PRODUCT SPECIFICATION

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Spec. No. : D310-05-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 (%)	3.9	5.7	
SOAP CONTENT (%)		0.50	
BOUND STYRENE (%)	22.5	24.5	ASTM D5775
RAW MOONEY VISCOSITY, ML1+4 at 100 °C	41.0	51.0	ASTM D1646
COMPOUND MV VISCOSITY, ML1+4 at 100 °C		66.0	
TENSILE STRENGTH, Kgf/cm ²	35'	200	ASTM D3185 & D412
ELONGATION, %	35'	410	
300% MODULUS, kgf/cm ²	35'	115	

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

2. Carbon Black IRB # 7

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