

KUMHO 1500 PRODUCT SPECIFICATION

Revision No. : 2

Issuing Date : Feb 06,2012

Revision Date : October 01, 1999

Spec. No. : D310-06-U31

| ANALYSIS ITEMS | SPECIFICATION | | TEST METHOD |
|---|---------------|------|----------------------|
| | Min. | Max. | |
| VOLATILE MATTER (%) | | 0.50 | ASTM D5668 |
| ASH CONTENT (%) | | 0.80 | ASTM D5667 |
| ORGANIC ACID (%) | 5.40 | 7.60 | ASTM D5774 |
| SOAP CONTENT (%) | | 0.50 | |
| BOUND STYRENE (%) | 22.5 | 24.5 | ASTM D5775 |
| RAW MOONEY VISCOSITY, ML1+4 at 100 °C | 47.0 | 57.0 | ASTM D1646 |
| COMPOUND MV VISCOSITY, ML1+4 at 100 °C | | 89.0 | |
| TENSILE STRENGTH, Kgf/cm ² | 35' | 250 | ASTM D3185 & D412 |
| ELONGATION, % | 35' | 380 | |
| 300% MODULUS, kgf/cm ² | 35' | 140 | |
| | | 180 | |

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

2. Carbon Black IRB # 7

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