

PT SIDDHARTA MANDIRI INDONESIA

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KUMHO 1502 PRODUCT SPECIFICATION

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Spec. No. : D310-03-U31

| ANALYSIS ITEMS | SPECIFICATION | | TEST METHOD |
|--|---------------|------|----------------------|
| | Min. | Max. | |
| VOLATILE MATTER (%) | | 0.50 | ASTM D1416 |
| ASH CONTENT (%) | | 0.80 | |
| ORGANIC ACID (%) | 4.80 | 7.00 | |
| SOAP CONTENT (%) | | 0.50 | |
| BOUND STYRENE (%) | 22.5 | 24.5 | |
| 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' | 260 | ASTM D3185 & D412 |
| ELONGATION, % | 35' | 290 | |
| 300% MODULUS, kgf/cm ² | 35' | 190 | |

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

2. Carbon Black IRB # 7