

# KUMHO 1723 PRODUCT SPECIFICATION

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Spec. No. : D310-22-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,<br>ML1+4 at 100 °C     | 44.0          | 54.0 | ASTM D1646           |
| COMPOUND MV VISCOSITY,<br>ML1+4 at 100 °C    |               | 65.0 |                      |
| TENSILE STRENGTH,<br>Kgf/cm <sup>2</sup> 35' | 200           |      | ASTM D3185<br>& D412 |
| ELONGATION, % 35'                            | 440           |      |                      |
| 300% MODULUS, kgf/cm <sup>2</sup> 35'        | 100           | 130  |                      |

Note : 1. Extending oil : TDAE type

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

3. Carbon Black IRB # 7

J. W. Kang



jwkang@kkpc.com

General Manager, QA Team

Ulsan Sythetic Rubber Plant, Kumho Petrochemical