

## CERTIFICATE OF ANALYSIS

Issuing Date : 2025.08.07

Certification No : 20250817536

User : TO WHOM IT MAY CONCERN

Grade : KBR01

Quantity : 33.6MT

| Analysis Item             | Unit                | Spec.         | Results |  | Test Method  |
|---------------------------|---------------------|---------------|---------|--|--------------|
|                           |                     |               | 250719  |  |              |
|                           |                     |               | 33.6MT  |  |              |
| VOLATILE MATTER           | %                   | MAX 0.50      | 0.40    |  | ASTM D 5668  |
| CIS CONTENT               | %                   | MIN 96.0      | 96.5    |  | FT-IR METHOD |
| GEL CONTENT               | %                   | MAX 2.00      | 0.05    |  | ASTM D 3616  |
| ASH CONTENT               | %                   | MAX 0.20      | 0.01    |  | ASTM D 5667  |
| RAW MOONEY VISCOSITY      |                     | 40.0 ~ 50.0   | 43.9    |  | ASTM D 1646  |
| COMPOUND MOONEY VISCOSITY |                     | 52.0 ~ 66.0   | 55.6    |  | ASTM D 1646  |
| TENSILE STRENGTH 35min    | kgf/cm <sup>2</sup> | 165.0 ~ 240.0 | 187.0   |  | ASTM D 412   |
| ELONGATION 35min          | %                   | 410 ~ 590     | 480     |  | ASTM D 412   |
| 300% MODULUS 25min        | kgf/cm <sup>2</sup> | 80.0 ~ 120.0  | 97.0    |  | ASTM D 412   |
| 300% MODULUS 35min        | kgf/cm <sup>2</sup> | 85.0 ~ 120.0  | 103.0   |  | ASTM D 412   |
| 300% MODULUS 50min        | kgf/cm <sup>2</sup> | 85.0 ~ 120.0  | 101.0   |  | ASTM D 412   |

### # REFERENCE

I hereby certify that the result of analysis conforms to our standard specification

\* KKPC Global Certified Systems

(Quality) ISO 9001, ISO/TS 16949

(Environment) ISO 14001, OHSAS 18001



**Dong-Hyuk , Na**  
General Manager , QA Team  
Yeosu Synthetic Rubber Plant