

KUMHO PETROCHEMICAL CERTIFICATE OF ANALYSIS

*beyond
the best*

Ulsan Synthetic Rubber Plant
#64, Sanggae-ro, Nam-gu, Ulsan 44786, Korea
Tel : 82-52-259-6050~5 / Fax: 82-52-259-6053

Issuing Date	: 2025.03.17	Certification No	: URU250300603
User	: TO WHOM IT MAY CONCERN	Order No	: 1628666
Grade	: STYRENE BUTADIENE RUBBER 1502	Load No	: 83505929
Quantity	: 16.800 (MT)	Production Date	: 2025.02.28
Lot No.	: 250228	Shelf Life	: 2026.02.28

NO.	Analysis Item	Unit	Spec.	Results	Test Method
1	ETA EXTRACTION	%	4.8 ~ 7.8	6.3	ASTM D5774
2	ELONGATION 35min	%	Min. 290	390.0	ASTM D412
3	VOLATILE MATTER	%	Max. 0.5	0.26	ASTM D5668
4	ASH CONTENT	%	Max. 0.8	0.30	ASTM D5667
5	ORGANIC ACID	%	4.8 ~ 7	5.78	ASTM D5774
6	SOAP	%	Max. 0.5	0.02	ASTM D5774
7	BOUND ST	%	22.5 ~ 24.5	23.4	ASTM D5775
8	RAW MV (ML1+4, 100℃)	—	47 ~ 57	51.2	ASTM D1646 (Massed)
9	COMP. MV (ML1+4, 100℃)	—	Max. 89	76.5	ASTM D1646 (Massed)
10	TENSILE STRENGTH 35min	kgf/cm ²	Min. 260	280.0	ASTM D412
11	300% MODULUS 35min	kgf/cm ²	190 ~ 230	202.0	ASTM D412

REFERENCE
MANUFACTURER : KUMHO PETROCHEMICAL CO., LTD.

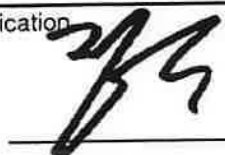
I hereby certify that the result of analysis conforms to our standard specification

** KKPC Global Certified Systems

[Quality] ISO 9001, IATF 16949

[Environment] ISO 14001, ISO45001

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domestic_1210



Choi Jung Woo

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Ulsan Synthetic Rubber Plant