



CONTROLUNION



ISCC PLUS Certificate

Certificate Number: ISCC-PLUS-Cert-DE105-89961001

Control Union Certifications Germany GmbH
Bornitzstraße 73-75 10365 Berlin, Germany

certifies that

Kumho Petrochemical Co., Ltd. (Ulsan Synthetic Rubber Plant)
64, Sanggae-ro, Nam-gu, 44786 Ulsan
KOREA(South)

complies with the requirements of the certification system
ISCC PLUS
(International Sustainability and Carbon Certification)

Place of the audit

(if different from the legal address of the system user as stated above; only applicable for traders and traders with storage):

n.a.

This certificate is valid from 07.04.2024 to 06.04.2025.

The site of the system user is certified as:

Polymerisation Plant

The scope of the certificate includes the following chain of custody options:
(not applicable for paper traders)

Mass balance

Berlin, 07.04.2024

Place and date of issue


Stamp, Signature of issuing party

07.04.2024 The issuing Certification Body is responsible for the accuracy of this document.
Version / Date: 1 (no adjustments) / 07.04.2024



Annex to the certificate:

Sustainable materials handled by the certified site

(This annex is applicable for all scopes except of Trader, Trader with storage, Warehouse, Logistic centres, MTBE and ETBE)

This annex is only valid in connection with the certificate:

ISCC-PLUS-Cert-DE105-89961001 issued on 07.04.2024.

Input material	Output material	Add-ons (voluntary) ¹⁾	Raw material category ²⁾	SAI FSA ³⁾	FEFAC ⁴⁾
Butadiene	Synthetic rubber (SBR)	No add-ons	Bio Bio-circular Circular	N.A.	N.A.
Butadiene	Synthetic rubber (NBR)	No add-ons	Bio Bio-circular Circular	N.A.	N.A.
Butadiene	Synthetic rubber (HSR)	No add-ons	Bio Bio-circular Circular	N.A.	N.A.
Butadiene	Synthetic rubber (SB Latex)	No add-ons	Bio Bio-circular Circular	N.A.	N.A.
Butadiene	Synthetic rubber (NB Latex)	No add-ons	Bio Bio-circular Circular	N.A.	N.A.
Styrene monomer	Synthetic rubber (SBR)	No add-ons	Bio Bio-circular Circular	N.A.	N.A.
Styrene monomer	Synthetic rubber (HSR)	No add-ons	Bio Bio-circular Circular	N.A.	N.A.
Styrene monomer	Synthetic rubber (SB Latex)	No add-ons	Bio Bio-circular Circular	N.A.	N.A.

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Acrylonitrile	Synthetic rubber (NBR)	No add-ons	Bio Bio-circular Circular	N.A.	N.A.
Acrylonitrile	Synthetic rubber (NB Latex)	No add-ons	Bio Bio-circular Circular	N.A.	N.A.
1)	ISCC PLUS add-ons (voluntary application, see www.iscc-system.org for further information): <ul style="list-style-type: none">202-04: Food Security Standard202-07: Low ILUC-risk feedstock205-01: GHG emission requirements205-02: Consumables205-03: Non GMO for food and feed205-04: Non GMO for technical markets				
2)	Bio raw materials complies with the ISCC Principles 1 – 6 for the cultivation and harvesting of sustainable biomass. Bio-circular and circular raw materials meet the ISCC definition of waste or residue, i.e. it was not intentionally produced and not intentionally modified, or contaminated, or discarded, to meet the definition of waste or residue. For circular raw materials, the voluntary information about PIR (post-industrial recycling) or PCR (post-consumer recycling) material can be stated in brackets.				
3)	Farm Sustainability Assessment (FSA) was developed by the Sustainable Agriculture Initiative (SAI) SAI Gold Compliance: ISCC Compliant can be claimed as "SAI FSA 3.0 Gold Level Equivalence"				
4)	FEFAC: European Feed Manufacturers' Federation. ISCC compliant materials can be claimed as "in line with FEFAC soy sourcing guidelines 2015"				

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