

ISCC PLUS Certificate

Certificate Number: ISCC-PLUS-Cert-IN201-20211211

Cotecna Inspection India Pvt Ltd

1, Lee Road (3rd Floor), Kolkata – 700020, India

certifies that

PTT Global Chemical Public Company Limited

14, I-1 Road, Map Ta Phut, Muang Rayong, Rayong 21150, Thailand

complies with the requirements of the certification system

ISCC PLUS

(International Sustainability and Carbon Certification)

This certificate is valid from 09.12.2021 to 08.12.2022.

The site of the system user is certified as:

Steam cracking, Polymerization plant

The scope of the certificate includes the following chain of custody options:

Mass balance

Kolkata, 09.12.2021

Place and date of issue



**Stamp, Signature of
issuing party**

The issuing Certification Body is responsible for the accuracy of this document.
Version / Date: 1 (no adjustments) / 09.12.2021

Annex to the certificate:

Sustainable materials handled by the certified site

(This annex is only applicable for material handled under the scopes: farm/plantation, point of origin, central office, (farm/plantation or point of origin) first gathering point, processing unit (any type) but **not** for material that is only traded and/or stored)

This annex is only valid in connection with the certificate:

ISCC-PLUS-Cert-IN201-20211211 issued on 09.12.2021

Input material	Output material	Add-ons (voluntary) ¹⁾	ISCC waste process applied ²⁾	SAI/ FSA ³⁾	FEFAC ⁴⁾
Bio Naphtha	Bio Ethylene, Bio Propylene, Bio C4 mix, Bio Pygas, Bio Aromatic hydrocarbon (C9), Bio-Cracker oil	NA	No	NA	NA
Bio-Circular Naphtha	Bio-Circular Ethylene, Bio-Circular Propylene, Bio-Circular C4 mix, Bio circular Pygas, Bio-circular Aromatic hydrocarbon (C9), Bio-circular Cracker oil	NA	Yes	NA	NA
Circular Naphtha	Circular Ethylene, Circular Propylene, Circular C4 mix, Circular Pygas, Circular Aromatic hydrocarbon (C9), Circular Cracker oil	NA.	Yes	NA	NA
Bio Ethylene	Bio HDPE	NA	No	NA	NA

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Input material	Output material	Add-ons (voluntary) ¹⁾	ISCC waste process applied ²⁾	SAI/FSA ³⁾	FEFAC ⁴⁾
Bio-circular Ethylene	Bio-circular HDPE	NA	Yes	NA	NA
Circular Ethylene	Circular HDPE	NA	Yes	NA	NA

1) ISCC PLUS add-ons (voluntary application, see www.iscc-system.org for further information):

- 202-03: SAI Gold
- 205-01: GHG emission requirements
- 205-02: Consumables
- 205-03: Non GMO for food and feed
- 205-04: Non GMO for technical markets

2) Yes: The raw material meets 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

No: The raw material complies with the ISCC Principles 1 – 6 for the cultivation of sustainable biomass

3) Farm Sustainability Assessment (FSA) was developed by the Sustainable Agriculture Initiative (SAI)

SAI Silver Compliance: ISCC Compliant material can be claimed as "Equivalent to FSA 2.1 Silver"

SAI Gold Compliance: ISCC Compliant material incl. add-on SAI Gold can be claimed as "Equivalent to FSA 2.1 Gold"

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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