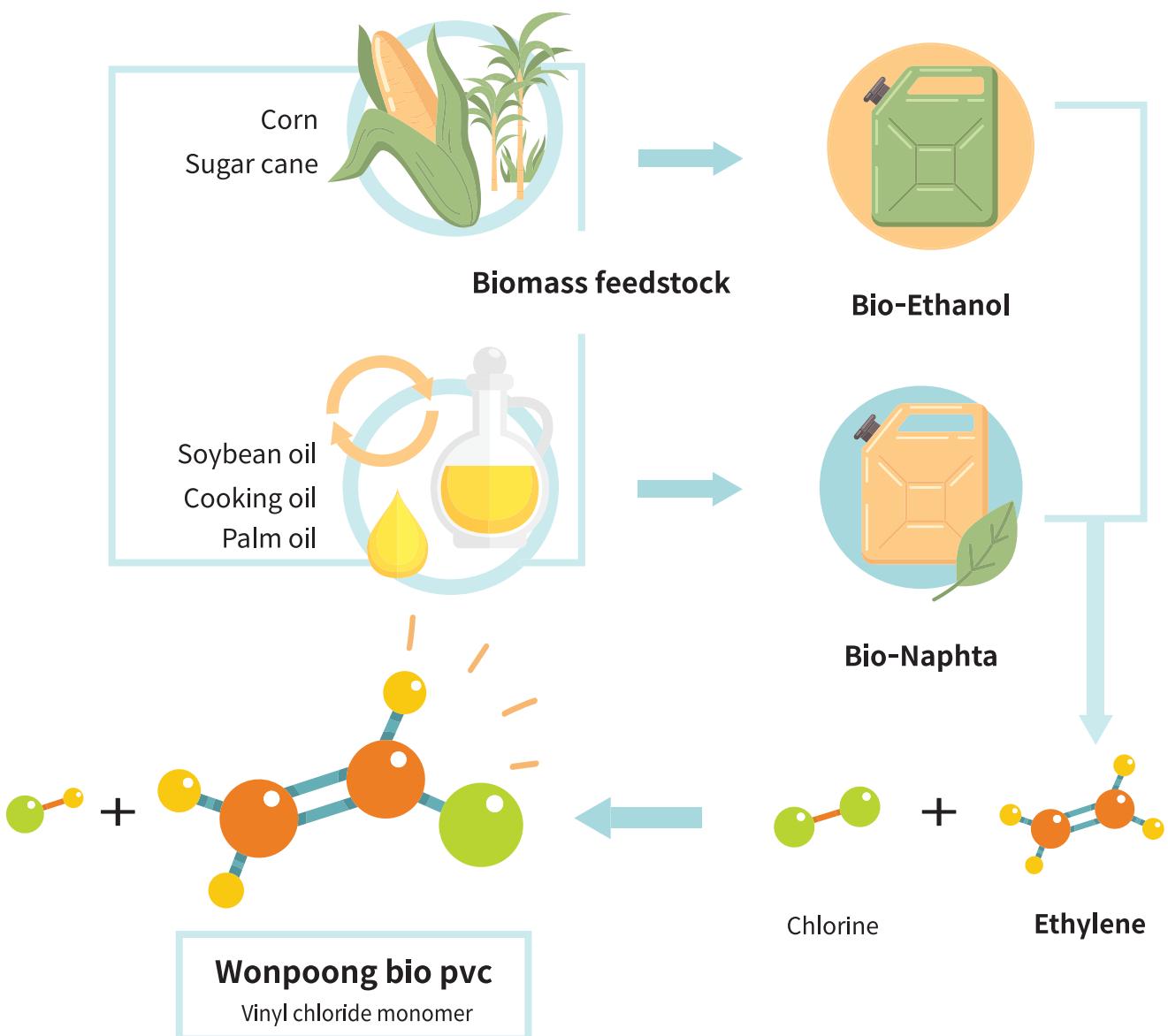
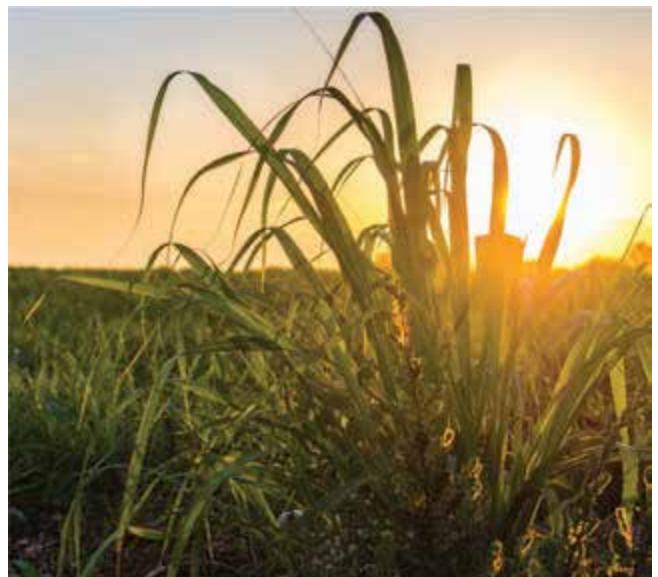


BIO PVC

Wonpoong bio-PVC products will empower our customers across all PVC end-uses to create innovative products while simultaneously enhancing their sustainability goals. This will ultimately lead to a circular economy for plastics, where plastic is never wasted.



Our bio-PVC departs from the use of traditional fossil fuel feedstock. Instead, it is based on renewable ethylene from certified biomass from corn, sugar cane, oil and soybean oil. Our renewable ethylene feedstock comes from certified biomass, and the performance of these bio-PVC resins are identical to that of traditional PVC grades.





Bio-PVC generates significant additional sustainability benefits over conventional PVC, and it also **retains the exact same product characteristics as conventional PVC**:

- 100% renewable feedstock not competing with the food chain
- 100% replacement of fossil with non-fossil
- **Greenhouse gas savings of up to 58%**
- Fully certified by the ISCC Plus
- Issuing Sustainability Declarations for the next element in the supply chain



International Sustainability and Carbon Certification (ISCC) is a certification system that ensures compliance with high ecological and social sustainability requirements, greenhouse gas emissions savings and traceability throughout the supply chain. ISCC PLUS can be applied globally in all markets including the food, feed, chemical and energy markets and for industrial applications of the respective raw materials.

We believe that the growth of the circular economy can be fueled by transparent communication and verified information. Therefore, we prepared for years and became ISCC PLUS certified in January 2023.

ISCC PLUS certificate proves that ...

- the ISCC sustainability requirements are met
- neither deforestation nor loss of biodiversity is encouraged
- traceability along the supply chain is given
- credibility is ensured through third-party verification
- realistic and verifiable claims are made



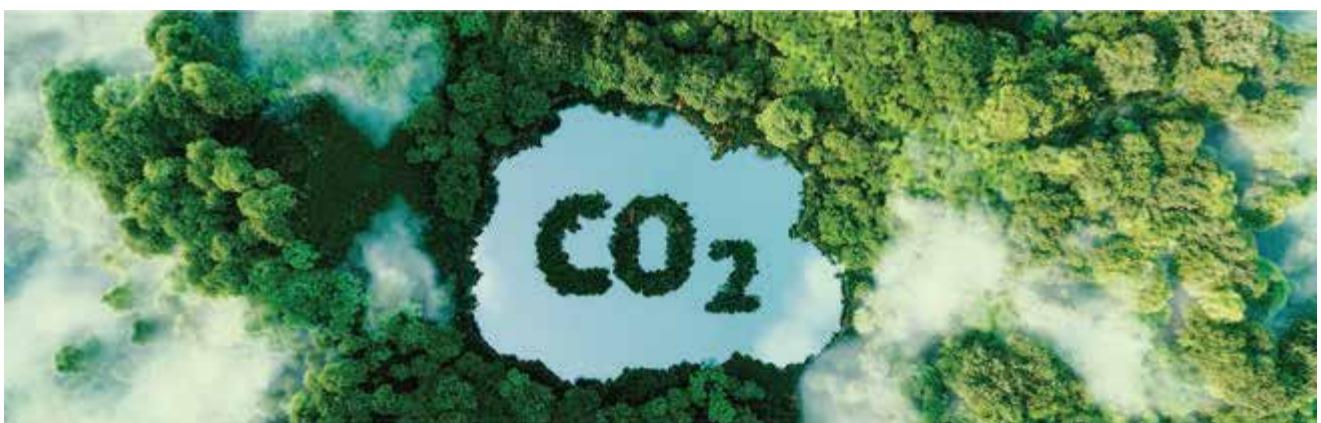
ISCC PLUS Certificate

Certificate Number: ISCC-PLUS-Cert-DE 105-89327101

Control Union Certifications Germany GmbH
Dorotheastr. 30, D-10318 Berlin, Germany

certifies that

Wonpoong Corp.
Wonpoong bldg. 343 Gonghang-daero, Gangseo-gu, Seoul
KOREA (South)



We are pleased to note that our bio-PVC carries an ISCC PLUS certification, demonstrating its excellent sustainability credentials. Our bio-PVC offers a positive climate impact with a 58% CO2 emission reduction.

ISCC610C

Weight	Thickness	Tensile Strength	Tear Strength	Elongation	Adhesion
gsm (oz)	mm (mil)	lbs/inch (N/5cm)	lbs (N)	%	lbs/inch (N/5cm)
610 (18)	0.5 (20)	260/280 (2270/2450)	80/90 (350/400)	22/26	14/12 (120/105)

ISCC900C

Weight	Thickness	Tensile Strength	Tear Strength	Elongation	Adhesion
gsm (oz)	mm (mil)	lbs/inch (N/5cm)	lbs (N)	%	lbs/inch (N/5cm)
900 (26.5)	0.75 (30)	460/425 (4020/3720)	180/180 (800/800)	25/30	14/12 (120/105)

ISCC610LT

Weight	Thickness	Tensile Strength	Tear Strength	Elongation	Adhesion
gsm (oz)	mm (mil)	lbs/inch (N/5cm)	lbs (N)	%	lbs/inch (N/5cm)
610 (18)	0.5 (20)	200/175 (1750/1530)	62/42 (275/185)	22/25	13/13 (110/110)

ISCC610LS

Weight	Thickness	Tensile Strength	Tear Strength	Elongation	Adhesion
gsm (oz)	mm (mil)	lbs/inch (N/5cm)	lbs (N)	%	lbs/inch (N/5cm)
610 (18)	0.5 (20)	160/100 (1400/875)	60/20 (265/85)	25/29	13/12 (110/105)



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Roofing Solutions

SuperGuard[™]

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