

Company Profile



The Finest Eco-Friendly Materials Company from Japan

UNION.CO.,LTD

2-3, Ida-Sugiyama, Nakahara, Kawasaki, Kanagawa, Japan, 2110036

mail: info@uni-project.co.jp

Our Original Invention of New Eco-Friendly Resin

UNI-PELE

UNI-PELE is the innovative plastic made from 100% organic vegetable raw material.

We, UNION.CO.,LTD originally developed the unique eco-friendly resin, based upon our corporate philosophy with:

- For contribution to stopping global warming with our environmentally friendly, sustainable, low cost, practical materials.**
- For passing the baton of our peaceful nature to next generation.**

<< Major Characteristics of our eco-friendly resin "UNI-PELE" >>

- 1) Use the natural organic material**
- 2) Non emit poisonous gas during combustion**
- 3) Over 45% CO2-reduction by compared with the petroleum resins**
- 4) Low combustion calorie**
- 5) Addable biodegradability**
- 6) Recyclable and reusable**

TAK-REM

TAK-REM is the patented material made from antibacterial property of bamboo.

◆ Patent

<<Registered>>

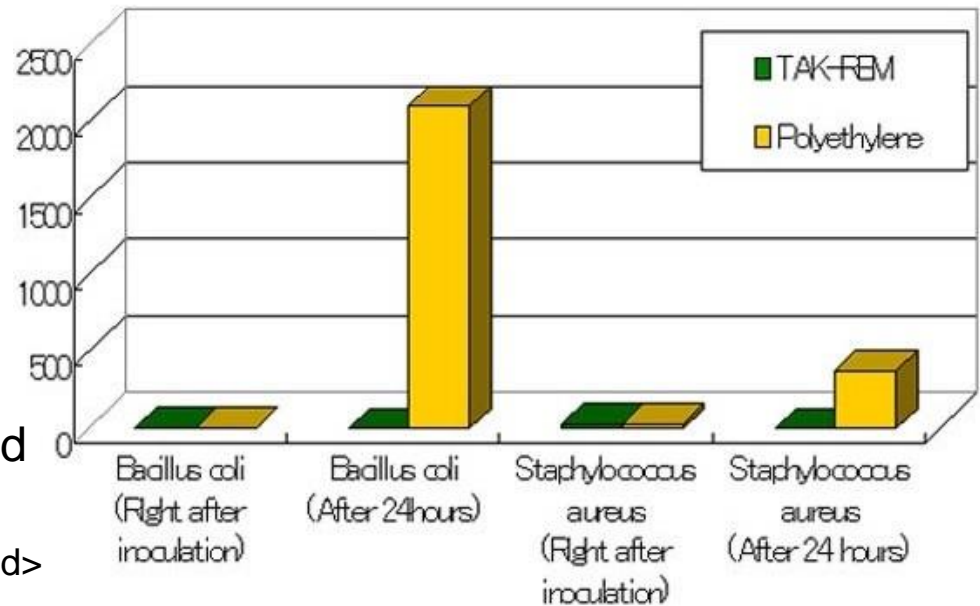
- Utility model registration No.3158617
- Trademark registration No.4337582

<Patent pending>

- Patent Application No.2010-160528
(the eco-friendly resin sheet)

◆ TAK-REM can reduce the carbon yield by 46.9%.

*Carbon yield <Quartz-tube combustion method>



◆ Result of antibacterial activity test (Japan Food Research Laboratories)

- Polyethylene: Bacillus coli multiplied 26 million and staphylococcal multiplied 4.3 million.
- **TAK-REM**; Bacillus coli and staphylococcal can be reduced less than 10, due to high antibacterial properties.

TAK-REM

< Major & Distinctive Characteristics of TAK-REM >

1. Material

TAK-REM is the revolutionary material made from Polyolefin-based Plastic Binder added to natural organic waste materials.

2. Low Combustibility

TAK-REM is the innovative eco-oriented plastic material made from new combination of organic substances and resin.

Low calorific powers generated from TAK-REM enable to protect incinerators.

Product	Combustion calorie
TAK-REM	6,900cal/g
Polyethylene	10,500cal/g

Product	Carbon yield
TAK-REM	1700mg/g
Polyethylene	3,200mg/g

3. Low Pollution

Dioxines, toxic substance hasn't been found out from TAK-REM, according to the results of strict examination conducted by Ministry of Health and Welfare、Environmental Health Bureau in Feb,1997.

4. High Plastics Moldability

Our distinctive compound and pelletizing technology realized high customizable for molding by ordinal plastic molding machines.

TAK-REM

< Major & Distinctive Characteristics of TAK-REM >

5. Low Costs

We can offer you reasonable costs in comparison with other ordinal resin due to our own unique compound technology.

6. Food Sanitation Law

We can also offer you eco-friendly plastic materials for tableware, disposable folks/spoons which are qualified the official Food Sanitation Law criteria in Japan.

7. Useful function of mildew-proofing

TAK-REM contains powders from Bamboo. Bamboo is well-known as having a reliable function of mildew prevention

8. Variety of original coloring

We can customize any color variations upon your requests.

*some colors, rarely not customizable.

Please feel free to contact us if you need any further information,
if you have any question:

info@uni-project.co.jp

TAK-REM

TAK-REM

TAK-REM is leveraged into manufacturing wide array of commodities for contributing to eco-friendly societies, for eco & health conscious people.

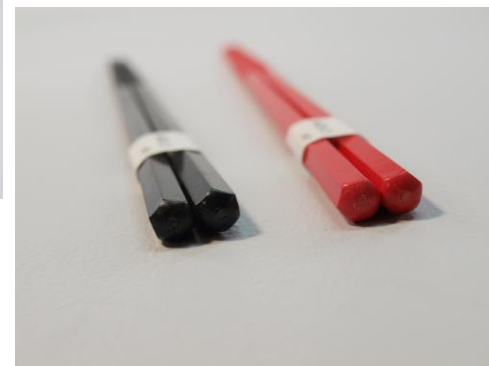
UNION



Main Line-ups of TAK-REM

Chopsticks

- Easy to Hold, Antibacterial Action
- Eco-Friendly, OEM, Customizable



Main Line-ups of TAK-REM

Tableware, Cups

- High Durability, Antibacterial Action
- Eco-Friendly, OEM, Customizable



Main Line-ups of TAK-REM

Kitchen Goods

- High Durability, Antibacterial Action
- Eco-Friendly, OEM, Customizable



Main Line-ups of TAK-REM

Gardening / Pet Items

- **High Durability**
- **Antibacterial Action**
- **Eco-Friendly**
- **OEM, Customizable**



Company Info



We, **UNION.CO.,LTD**

**pave a reliable and integrated production scheme for
manufacturing high quality materials and products.**

地球環境にやさしい植物配合の循環型素材



竹林



伐採



粉碎



ペレット製造



金型製造



金型



射出成形
(まな板製造中)



商品展開

自社工場において、植物粉碎→製品製造まで**一環して生産**しております。

Company Info

< Company Name >

UNION Co.,Ltd

< Established >

February, 1970

< Capital >

JPY 10 million

< President >

Masahiko Morikawa

< Head office >

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< Main business >

Production and distribution of Plastic products

Production and distribution of UNI-PELE

Production and distribution of biomass resin