


Kawasaki Green Innovation Cluster Member Information		Management Number	Section Number	Company
<b>Business Classification</b>		Eco Friendly Products/ Environmental Materials		
<b>Business Field</b>		Plastic molding, manufacturing of antibacterial resin pellet from plant material etc.		
<b>Company/Organization Information</b>	Company Name	株式会社ユニオン産業		
	Company Name (EN)	UNION.CO.,LTD.		
	President	Masahiko Morikawa		
	Address	2-3 Idasugiyama-cho, Nakahara-ku, Kawasaki City Kanagawa 211-0036		
	Contact	TEL +81-44-755-1107 FAX +81-44-755-6711		
	Capital	JPY 10 million		
	No. of Employees			
	E-mail	info@uni-project.co.jp		
	Website			
	Branches/ Agencies	Hiyoshi Factory in Japan		
	<b>Business Activities, Messages and Others</b>	Business Activities	<p>Plastic molding  Pellet production of antibacterial resin made of plant material (Bamboo powder compounded resin, Wheat skin compounded resin, other)  Production Freshness holding sheet  Planning and production on original items  From planning, development, molding to sale of patented product</p>	
Message/ Other		<p>For approximately 15 years, we have engaged in development of plant-derived environmental resin (UNI-PELE) to contribute to the global environment.  In consideration on the global warming, extraordinary weather and even risks of Escherichia coli, infectious diseases etc, we endeavour to realize the society where future generation truly enjoy a safe living by our products.</p>		
Examples of Products		<p>Plant-derived environmental resin (UNI-PELE)  Various chopsticks (Taketori, Sasa beautiful beauty, Eco-chopsticks)  Cup, tray, bowl, lunch box, soap box, name novelty products</p>		

Kawasaki Green Innovation Cluster Product Technology Information		Management Number	Section Number	Company
Business Classification		Eco Friendly Products/ Environmental Materials		
Business Field		Plastic molding, manufacturing of antibacterial resin pellet from plant material etc.		
Company Name		UNION.CO.,LTD		
Product/Technology		Plant-derived bioplastic UNI-PELE		
Overview of Products/Technologies	Features	<p>"Material: Anti-bacteria resin integrated with bamboo powders (UNI-PELE) Organic Content 50% or more</p> <ul style="list-style-type: none"> <li>- Antibacterial effect O-157 inhibition</li> <li>- Heat resistant temperature: -40 to 140 ° C</li> <li>- Food Sanitation Law conformance</li> <li>- Microwave oven OK</li> <li>- Dish washer OK "</li> </ul>		
	Keywords	Environmentally friendly products using plant materials		
	Price			
Detailed Information about Products/Technologies	Details	Bioplastic UNI-PELE		
	Capabilities	<ul style="list-style-type: none"> <li>● In incineration, the combustion calorie is low with minimum generation of dioxin which is a hazardous substance, reducing CO2 by 40% or more</li> <li>● High antimicrobial properties by our own manufacturing process. Suppresses the growth of E. coli O-157, Staphylococcus aureus.</li> <li>"● Since it has acquired the Food Sanitation Law, it can be applied to items handling dishes / foods.</li> <li>The heat resistant temperature also ranges from -40 ° C to + 140 ° C "</li> <li>● Unique formulation and pelletizing technology enables molding process with ordinary plastic molding machine.</li> </ul>		
	Cost			
	Life cycle			
	Remarks			
	Pictures relating to products and technologies			
Advantages	Patent and award history	TAK-REM: Patent No. 3072362 Method for producing bamboo fiber: Japanese Patent No. 4234087		
	Examples of use (Domestic and overseas)	Example: Verified in a JICA feasibility study		