



Plarain<sup>®</sup>

WAKO Plastic Co., Ltd.



# PlaRain®

Thread of plastic is the new material of three-dimensional plastic entangled in complexity.

Polypropylene or polyethylene to main raw material, it is interior plastic materials that are made in a continuous extrusion molding.

This molded a unique form in a special production method.

In addition, you can change the strength Changing the raw materials. It is a new interior for the material to be active in various scenes.

# PlaRain® Specification

## 【Size】

### Width

Minimum 50mm      Maximum 1400mm

### Length

Minimum 500mm      Maximum 2500mm (Delivery record)

※I can manufacture long. Please consult.

### Thickness

Minimum 2mm      Minimum 80mm

# PlaRain® Raw materials

Soft Type

Polyethylene

Hard type

Polypropylene

Other

Biodegradable plastic

Etc.

# Products Features

# 1. Good light and compatibility



※Lighting create



## 2. Good breathability.



※Beauty salons of store.

PlaRain®

# 3. Just good visibility.



PlaRain®

(W500 H1800)

Look good and the table behind  
There is a chair.

4. It has excellent water resistance.



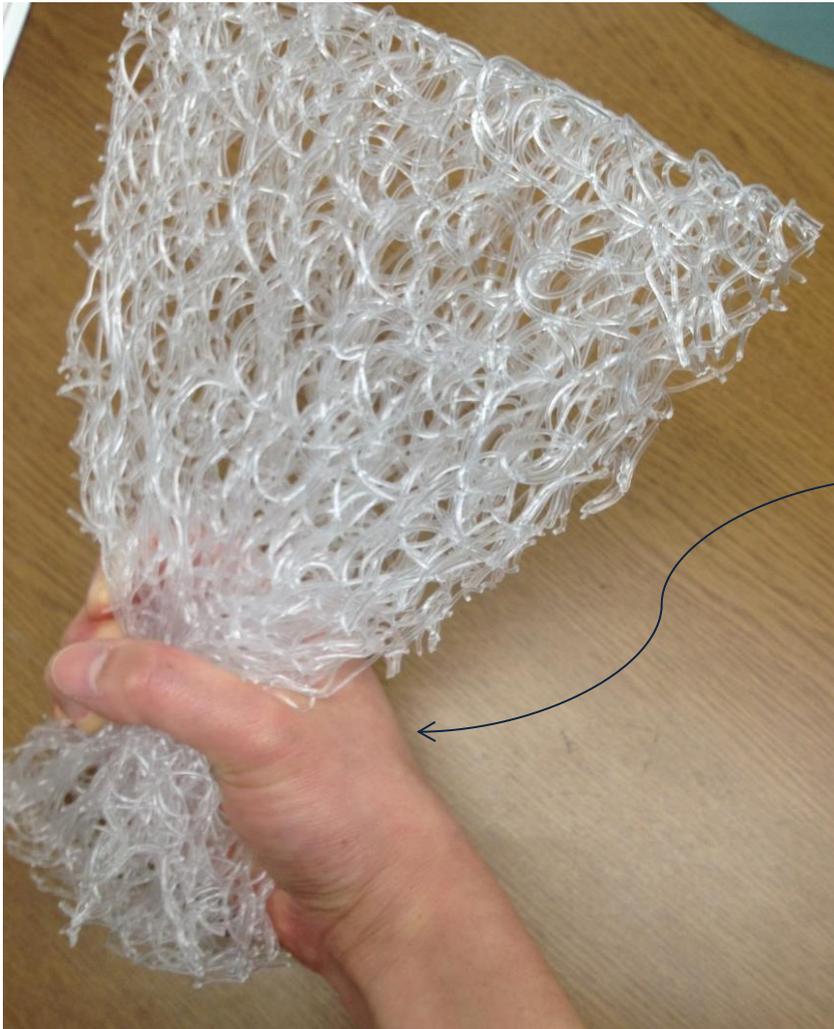
# 5. It is possible to prick



PlaRain®



## 6. Soft feel. ※Polyethylene



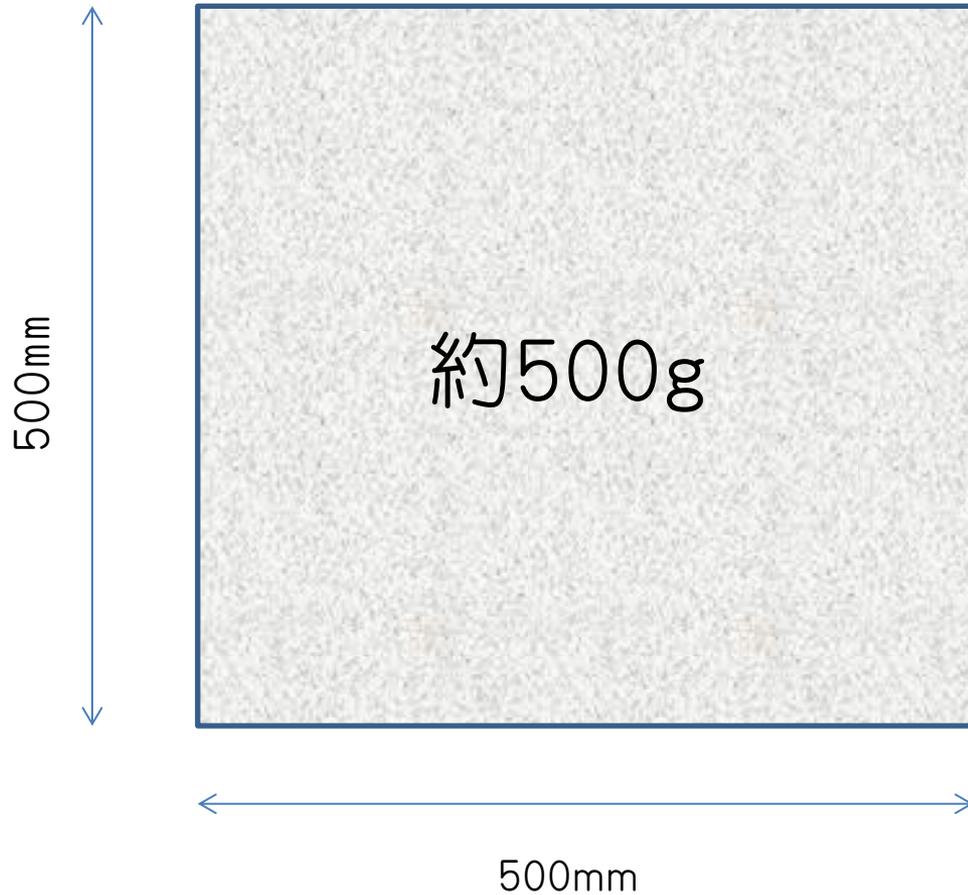
It is a soft feel of high resilience.



7. It is possible to cut with scissors



# 8. Light.



Thickness:30mm

# 9. It is possible to bend with hot water

※Polyethylene



Subjected to where you want to bend  
the boiling water.  
Then, it is keep.

※Please keep in mind that it will be deformed  
to be multiplied by the hot water to the  
entire product.



# PlaRain® Actual use



- Lighting
- Event decoration
- Shop decoration
- Flower decoration
- Furniture
- TV studio set
- Etc



# PlaRain® Past exhibitions



•Lighting Fair2013  
(Tokyo Big Sight March/2013)

•IFFT/Interior Lifestyle Living  
(Tokyo Big Sight November/2013)

•Interior Lifestyle  
(Tokyo Big Sight June/2014)



# Considerations on the Handling



## warning

### 1. There intensity temperature dependence

Please note physical strength because the value varies greatly depending on the environment temperature.

### 2. Combustion quality

It burns well. Do not use near a fire.



### 3. Stress cracking resistance

Chemical resistance of polyethylene and the like is generally good, but when in contact with some sort of liquid in a state in which the product is subjected to stress, please note that it may result in cracking.

### 4. Heat resistance

When used at high temperatures, it may not be seen in a short period of time the physical properties decrease, and the physical properties decrease in long-term use.

### 5. Transportation, storage and handling

(a) Do not piled under heavy.

(b) Direct sunlight, please keep away from hot and humid place.

(c) Please keep away from light source for generating ultraviolet light.

(d) Do not attempt to rough handling.

# PlaRain® Media Coverage

**列島ダイジェスト**

**和晃プラスチック(滋賀県甲賀市)**  
 村木和好社長は主力商品の浄化槽用フィルター技術でインテリア用途を開拓する。5月にもデザイン性の高い発光ダイオード(LED)照明部品「PlaRain」を商品化する。直径1メートルほどのプラスチック糸を網目状にした浄化槽フィルターを球状や円筒に加工し、照明器具の傘にあたる部分に利用する。難燃性や耐候性を持つ素材にすることで、インテリア家具の用途も見込む。浄化槽の需要が低迷するなか新しい分野を開拓する。



2013年(平成25年)4月28日(日曜日) 1 20

**近江輝業**

**浄化槽用フィルターを照明部品に**

**和晃プラスチック(甲賀市)**

浄化槽用フィルターは、発光ダイオード(LED)照明の普及で照明に置き換わることが見込まれる。近江輝業は、浄化槽用フィルターを照明部品に活用する。直径1メートルほどのプラスチック糸を網目状にした浄化槽フィルターを球状や円筒に加工し、照明器具の傘にあたる部分に利用する。難燃性や耐候性を持つ素材にすることで、インテリア家具の用途も見込む。浄化槽の需要が低迷するなか新しい分野を開拓する。

**下請け脱皮へ手応え**

滋賀県甲賀市、和晃プラスチック(和晃)の村木和好社長は、浄化槽用フィルターを照明部品に活用する。直径1メートルほどのプラスチック糸を網目状にした浄化槽フィルターを球状や円筒に加工し、照明器具の傘にあたる部分に利用する。難燃性や耐候性を持つ素材にすることで、インテリア家具の用途も見込む。浄化槽の需要が低迷するなか新しい分野を開拓する。

- 2013/03/18 (Newspaper)
- 2013/09/15 (Newspaper)
- 2013/11/16 (Newspaper)
- 2013/11/26 (Newspaper)
- TV etc