

URIMAT – Polycarbonate bowls

Makrolon2407

What is “Makrolon 2407” (Polycarbonate) ? :

Makrolon 2407 was developed by BAYER and is a **High-Tec Plastic**.

The characteristics of Polycarbonate are:

Polycarbonate is light weight, form stability by high thermal fluctuation and a extremely high break-resistance.

Where is Polycarbonate used:

Polycarbonate is used to create all different kind of products such as lenses, industrial windows, Motorbike-cyclist-helmets or DVD´s... .

Makrolon2407 has a UV-protection and will not fade his color through UV-beams.

The URIMAT body is made to 100% out of Makrolon 2407 (*Polycarbonate*).
(Please get more information from *document_220.pdf* and *MSDS2963.pdf*)

Why is URIMAT relaying on Polycarbonate:

Polycarbonate has many advantages to common urinal types (*ceramic*).

The URIMAT bowl is made of 100% Polycarbonate and is 0,5cm thick. The material is coloured white and through it thickness scratches or other surface damages can polished away.

Polycarbonate is a “warm” material, thus urine can not cool down as fast as in ceramic bowls, which is reducing the effect of urine to develop odour and stains where bacteria can perform.

With the light weight of the product, it even saves CO2 during transportation (*less weight = less energy used in transporting the product*).

For the production we use an injected moulded process with over 1.300tonnes of pressure.

Through this process the surface becomes pore free and urine or any other liquids have no chance to remain.

All the material is 100% recyclable, whereas ceramic is not and needs energy in disposal.

Polycarbonate is a very stable material and is almost unbreakable (*like a Motorcycle helmet*). Our urinals are installed in several areas where vandalism is/was a problem, so for example in the stadium in Basel. They were used to replace their water flushed ceramic urinals constantly, since the use of URIMAT those problems are solved.

It can be proved that the production process, and the product itself, are more environmentally friendly than any other Urinal in use today.

The following URIMAT bowls are made out of Polycarbonate:

URIMAT **eco**, URIMAT **ecoplus**, URIMAT **ecoinfo**, URIMAT **ecovideo**

URIMAT **compact**, URIMAT **compactplus**, URIMAT **compactinfo**, URIMAT **compactvideo**