

Your PIN-NUMBERS – handy and save!



Although the biodegradable PIN CODER (EU Pat.) is produced from a common plastic it is naturally biologically degradable with a special additive, without losses in terms of mechanical or aesthetic properties or any other characteristics relevant to its quality of service life. And there are also *no price-related consequences*.

MEMO CARD mit
SICHERHEITS-
VERSCHLÜSSELUNG



In an ecological sense the PIN CODER is not only naturally biodegradable, i.e. compostable and decomposable, it is also suitable for *recycling* and for returning to the natural biological cycle, and in equal measure to the raw materials cycle of the manufacturing industry.

Due to the prevailing conditions in nature and in conventional composting processes such as those at landfill sites or domestic composts, the process of *natural biological degradation* is initiated by microorganisms such as bacteria, fungi, algae etc, i.e. the PIN CODER decomposes in the same way as wood or plants, through microbial attack. The natural process of biological degradation, which generally requires many decades for polymeric plastics, is reduced through the addition of a special additive. Thus, just like plants and logs in nature, a varying length of time is required for decomposition depending on size.

The Fresenius Institute has proven that polymers that have had the special ECO additive added – from which the PIN CODER housing is produced – are biologically degradable per ASTM D 5511. Other components are produced from recycling cardboard.

Ecological products – i.e. products that meet environmental requirements - are however also increasingly subject to *cost-relevant consequences*. They are generally subsidised in the EU.

The pin coder is an advertising item without qualms of conscience because it does not harm the environment and cannot damage the *consumer acceptance* of strongly environmentally aware customers.

It is a product that is also beneficial to the optimisation of your own *external image*.