



## KOZIOL ORGANIC - FAQ

### What is koziol's Organic material made from?

The koziol Organic material is a mix of thermoplastics and natural wood cellulose fiber. This combination is 100% recyclable – it is not a compound and not a duroplast like melamine.

### Are there any other ingredients or additives?

For the manufacturing of our Organic products, no further chemical additives such as formaldehyde, melamine or fillers are necessary – really just color batch and heat.

### What makes this Organic material especially sustainable?

The key advantage over metal, glass or ceramic products is the significantly lower processing temperature necessary for the manufacturing. We only require a temperature of maximum 280°C to liquify and bring our products into the desired shape, compared to temperatures of between 800°C and 2,000°C for the above-mentioned materials. This results in a significantly lower energy expenditure in the manufacturing process as well as in the recycling process later on.

### Is the material recyclable?

Our material can always go back into its initial shape – by melting it down, just like it's done with glass and metal. At koziol, all by-production waste created is recycled. With porcelain, ceramics or melamine compounds, recycling is not possible. The chemical reaction which created the finished product cannot be undone – it's like trying to get the eggs back out of a baked cake.

### How high is the percentage of cellulose in the Organic material?

The share of wood cellulose varies by product and production method, but to keep the material completely recyclable, it is always below 10%. The wood-based cellulose itself stems from waste in the lumber industry.

### How can I sensibly dispose of products?

Every koziol product has an intended life cycle of over 10 years. Currently, a return system for used plastic articles is being created. In the next few years, every product that is disposed of after many years of usage will then be recycled. During production and use of the products, its original energy is not lost, so even thermal recycling is ecologically useful, saving fossil fuels.

### How does design play a role in sustainability?

The products within the Organic collection are especially long-living in terms of design, function and quality. It is the optimal ecological solution, as every product unifies a long durability, a low energy input and complete recyclability. koziol products are never designed as disposables or for one-time use, they are always holistically thought through. The products are sustainable throughout their whole life cycle and thus ecologically and economically useful solutions for everyday use. The numerous quality and international design awards also are a strong proof of koziol's positioning as a leading brand: Good design with a clear conscience.