

## CKT Kunststoffverarbeitungstechnik GmbH Chemnitz

### Foundation

- 1990

### Branches

- Development of plastics materials and plastics technology

### Key products

- NPC Nature Plastic Compounds® Granulates
- NPC Nature Plastic Compounds® Parts



### Contact

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## CKT Kunststoffverarbeitungstechnik GmbH Chemnitz

The CKT Kunststoffverarbeitungstechnik GmbH Chemnitz was founded in 1990 by engineers of the plastics technology. Since then the CKT has been working on the development of plastics technology and plastics material, within in own projects as well as in customer order projects.

### NPC Nature Plastic Compounds ® - Granulate and Parts

In recent years CKT has been developing the NPC Nature Plastic Compounds® and the machinery for the material-friendly manufacturing of these materials.

To partially substitution of synthetic polymers CKT filled polyolefins with selected filler loadings with quickly renewable materials (residual materials from domestic agriculture). Instead of conventional synthetic plastics, biobased synthetic plastics can also be used as the carrier material. Pigments and other additives are used as required. These compounds can be dried conventionally and processed on conventional injection moulding machines.

CKT also offers NPC Nature Plastic Compounds ® Batch-Pellets, filled up to 80 percent with renewable materials. It can be added as a colour batch during the processing of unfilled plastic, which allows the desired filler content to be adjusted.

The (mechanical) properties result from the mixing ratio with NPC Nature Plastic Compounds ® Batch-Pellets and the polypropylene which is used.

Data sheets and processing references for NPC Nature Plastic Compounds ® at [www.ckt-gmbh.de](http://www.ckt-gmbh.de) and [www.npc-plastic.de/](http://www.npc-plastic.de/).

For the production of the plastic parts from NPC Nature Plastic Compounds ® CKT work together with the Ökoplast GmbH Mittweida. Plastic parts from NPC Nature Plastic Compounds ® have a natural look and feel and can be used for housekeeping, horticulture, building trade and others.

Ökoplast mainly produce plastic parts on injection molding machines and have a long standing experience in processing of biopolymers and NPC Nature Plastic Compounds® with standard and multi-component injection molding machines.

For more information look at [www.oekoplast.de](http://www.oekoplast.de).