

COST-EFFECTIVE

MODIFICATION
OF PLASTIC
GRANULATES
WITH NANOMATERIALS

**ULTRA LOW DOSAGE
OF NANOMATERIALS**
0,001%-0,01% LOADING RATE

GOOD MATERIAL CONDUCTIVITY
SURFACE RESISTIVITY 10^6 - 10^9 Ohm

GOOD TRANSPARENCY
UP TO 90% OPTICAL TRANSPARENCY

MOST PLASTIC TYPES
PE, PP, PC, ABS, PLA...

MODIFICATION BY DIFFERENT TYPES
OF NANOMATERIALS UPON REQUEST



LOADING
RATE
0,01%

SURFACE
CONDUCTIVITY
 10^6 Ohm

PURE
PC GRANULATE



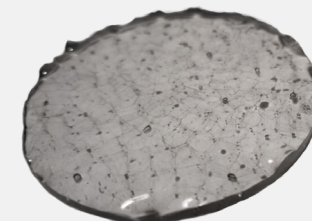
LOADING
RATE
0,001%

SURFACE
CONDUCTIVITY
 10^9 Ohm

NANO CHEMI GROUP offers the services of modifying almost any type of polymer with the help of CNT (carbon nanotubes) and other types of nanomaterials by customer's request. It is also possible to modify the surface of any granulate or micro particles, microspheres using nanomaterials by customer order.

EXAMPLE OF PC MODIFICATION BY **CNT** (carbon nanotubes)

Polycarbonate plate retains transparency and acquires good antistatic properties.



HOW WE WORK ?

- 1 RECEIVE A DESCRIPTION** of the technical task from the client with the specification of the required parameters and the volume of processing of materials.
- 2 COORDINATE THE MODIFICATION PROPOSALS** with the customer. (Types and composition of nanomaterials).
- 3 PRODUCE A SMALL TEST SAMPLE** for testing on the customer's side.
- 4 PRODUCTION AND SUPPLY OF INDUSTRIAL VOLUMES** for testing and for production.

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