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High molecular weight organic catalyst for wastewater treatment. Nature like technology.

Characteristics

Color: from dark brown to black.

Density: 0.95–0.98 g / sm³.

Melting Point: 90–100 °C.

Molecular weight: 5,000–10,000 units

Factionalism: 10–100 micron particle with surface that forms complex nanostructures.

Catalyst is resistant to acids and alkalis and to most organic substances.

Catalytic properties:

- Operating temperature: 8–70 °C
- Accelerates the oxidation in the polluted waste water at 50–200 times
- Environmentally friendly, does not contain any hazardous substances
- Cleans polluted water to the natural quality
- Catalytic properties retains virtually unchanged for at least 10 to 15 years
- Analogs do not exist.

Application

The catalyst is ideal filler in polyurethane lacquers being used as anticorrosion coating of surface which contacts with polluted and aggressive water of recycling systems.

The catalyst can be used in various types of filters for filtering the coating surface in a similar manner.

The catalyst can be applied to the prepared surface by conventional spray, if composed of a polyurethane or other liquid composition.

The catalyst consumption, in these cases, is about 100–150 g / m².

The catalyst allows you to create closed current wastewater treatment system.

The catalyst allows you to create effective cleaning systems of polluted natural ponds.