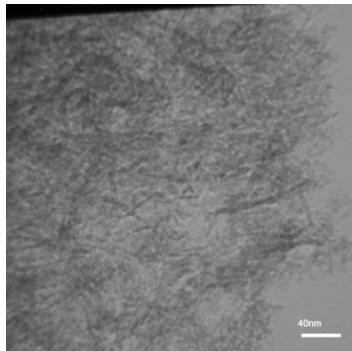


Nano gama Alumina



General description

Aluminum oxide (Al_2O_3) based nanopowder is a metal oxide based nanosized material that can be used in a variety of industrial applications. It can be prepared by the hydrolysis of the alkoxide of Al_2O_3 and calcination of particles in the presence of stabilizing agents.

Application

Al_2O_3 nanopowder can be used for a wide range of applications, such as ceramics, aerospace, wastewater treatment, abrasives, paints, catalysts, and flooring materials.

description gamma phase
form nanopowder
particle size <20 nm (TEM)
surface area 300 m^2/g (BET)
mp 2040 °C (lit.)