

MinerPa®

MinerPa® is a new material made by applying the pulp and inorganic material manufacturing technology cultivated by Nippon Paper Industries and attaching inorganic particles to the surface of wood pulp (cellulose) at a high density. MinerPa® is characterized by its unique pulp moldability and various inorganic functions such as deodorizing, antibacterial, flame retardant, X-ray shielding.

Contribution to Achieving SDGs through Products



- State-of-the-art plant-derived biomass material with low environmental impact related to production and disposal, developed by maximizing the use of various technologies and know-how
- Uses cellulose obtained from sustainably managed forests
- Promoting the development of applications that demonstrate the diverse properties of CNF through partnerships with users

Adoption Example



Cat litter

IRIS OHYAMA Inc.

By using the deodorizing and antibacterial type "MinerPa-FCZH", the odor of cat excretion is reduced.



Desiccant packaging material

SANWA Co., Ltd.

Non-woven fabric containing the deodorant and antibacterial type "MinerPa-FCZH" is used for the packaging material. Deodorizing is performed at the same time as dehumidifying and drying.



Turbid water filter

TODA CORPORATION

We have developed MinerPa® to adsorb SS (Suspended Solids) easily in turbid water from construction sites. It is packaged in a mesh net for use. It can remove approximately twice the amount of SS as conventional products.

Contact Nippon Paper Industries Research & Development Div. Fuji Innovative Materials Research Laboratory +81-545-67-0284

Product URL <https://www.nipponpapergroup.com/research/organize/minerpa/> (Japanese)