



Availability
Denier : 1.5, 2 and 3 denier
Cut length : 1, 2, 3, 4 and 5 mm

MODACRYLIC FIBRE

Kaneka Performance Fibers
Solutions Vehicle

ADVANTAGES OF OUR MODACRYLIC FIBRE

Our Modacrylic fibre is used, as filler fibre, for materials of lead acid batteries of paste type mainly because of its superior resistance to sulfuric acid. Our Modacrylic fibre also has the following excellent performance characteristics.

- Excellent tensile properties
- Good dispersion
- Shrinkage to be minimum
- High resistant to acid
- Non-contaminating & non conductive
- Colour resistance

Our filler fibre disperses well into dry active materials or into sulfuric acid since it is produced with a special finish for good dispersion. Especially in the dry state, it is easily separated individually to have a good structural support of the active materials on the electrode grid.

As stated above, our Modacrylic fibre has an excellent resistance to sulfuric acid as compared with polyester specially at relatively high temperatures.

Our Modacrylic fibre is a co-polymer of acrylonitrile and vinyl chloride, which has, as basic properties, such excellent characteristics as high chemical resistance and is used for being added in the paste of positive and negative plates for reinforcement of the active materials in lead acid batteries of paste type because of its excellent resistance to chemicals, specially acids and alkalis. In service conditions when the battery is subjected to severe vibration, Modacrylic fibre is very useful to remarkably and efficiently prevent the shedding of both positive and negative and plates.

This Modacrylic fibre also helps to prevent shedding of active materials during various production stages of the plates such as drying, parting, lug cleaning, assembling, etc. This fibre is added in small quantities to pastes to impart extra strength in the same way that steel rods are added in concrete building to increase its strength.