

Abstract

Surface-modified titanium dioxide

Pyrogenically produced titanium dioxide surface-modified with ammoniumfunctional silanes is produced by spraying the
5 pyrogenically produced titanium dioxide with the silane, with the silane mixture or with a solution of the silane or silane mixture in ethanol, and tempering.

It can be used in the field of cosmetics in sunblocks, in toner powders, in paints and varnishes, in silicone rubber, as abrasives and polishes, for example, in the field of CMP.

Fig.1