

Purple pigments, a process for their production and their use

Abstract

The invention relates to purple pigments based on glass frits having an average particle diameter (D_{50} value) of 0.5 to 50 μm , of which the surface has a coating of essentially 0.05 to 5% by weight, based on the pigment, of colloidal gold and, if desired, color-modifying metals from the group consisting of Ag, Cu, Co, Ni, Sn, Ru, Rh, Pd, Os, Ir and Pt in a total quantity below that of the gold.

The new purple pigments are easy to produce and do not require the hitherto necessary calcination step. The pigments are distinguished by their uniformity. They may be used for pigmenting glazes, enamels, glass colors, decorative colors, plastics, printing inks and lacquers.

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