

# Pigments for Lithographic Ink

For the production of printing inks and varnish paints, pigments are dispersed in mixtures of solvents and film forming agents. In order to achieve optimum colouring of prints or coatings prepared therefore, *considerable importance is attached to the shape and surface of the colouring pigment particles*. For example phthalocyanine pigments should have a particle size of from 0.01 to 1 $\mu\text{m}$ , preferably from 0.05 to 0.3 $\mu\text{m}$ , and should have a surface area measuring from 30 to 100 $\text{m}^2/\text{g}$ . It is necessary in order to achieve a brilliant shade that the said particles should be distributed as completely and as uniformly as possible in the substrate.

