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MEASURING AND CRUSHING THE STRENGTH OF ROCKS USE OF VARIOUS TYPES OF SURFACTANTS FOR GRINDING

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ABSTRACT

Surfactants, strength of crushed ores, stresses of concentration of active substances, physicochemical processes, changes in concentration, surface tension of substances. The results show that the refractive index, hydrogen index and electrical conductivity of surfactants such as CF-8201, OP-10, V-87 and Soapstock at concentrations greater than 0.2% are minimal. Studies have also shown that the mechanism of action of aqueous surfactant solutions on technological and physicochemical processes is adsorption at the interface of amphiphilic surfactant molecules, which leads to a decrease in surface tension, improvement and wetting of the solution.

KEYWORDS: *Adsorption, Solubility, Concentration, Hydrogen Index, Electrical Conductivity.* **SOURCES**

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