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**RESEARCH OF PROPERTIES OF ACHOHOL-SOLUBLE FLEXOGRAPHIC PRINTING INKS**

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***Research methodology.*** *Printing of test prints was done on a six-ink flexographic press of planetary type Fischer & Krecke. A set of test printing rollers has been used that simulate the ink application using an anilox roller to research the process of ink transfer. Spectrophotometer X-Rite SpectroEye has been used to measure the optical characteristics of the prints. Testing of adhesion of ink layer to the surface of the film was carried out using an adhesive tape test. Thermal resistance of inks was determined using the test «Crimp-Seal».*

***Results.*** *During experimental studies of flexographic alcohol-soluble inks by Budin Akarca colors, Fleksores Etoks, Fleksores Metoks it has been found out that the highest printing technological characteristics (optical density of print, adhesion resistance and heat resistance) are provided by the inks by Fleksores Etoks. The highest correct color reproduction is ensured by using the inks by Budin Akarca. It has been found out that in the printing process, mutual substitutability of inks is possible by Fleksores Etoks and Fleksores Metoks and it does not require significant adjustments to the printing process.*

***Novelty.*** *The results expand the system knowledge of properties of flexographic alcohol-soluble inks, and their analysis allows to predict the quality of the prints. These results can be the basis for a deeper analysis of the quality of flexographic printing using information technology.*

***Practical significance.*** *The results of experimental studies in specific production conditions helped to make real practical recommendations on the selection of inks for flexographic printing process.*