

Kodak Professional Ektar 100 Film

Daniel Kennelly, Eastman Kodak Company (USA)

Abstract

This new film with ISO 100 speed, high saturation, and ultra-vivid color offers the finest, smoothest grain of any color negative film available today. This film incorporates KODAK VISION Motion Picture Film Technology to achieve its extremely fine grain. It is ideal for scanning and offers extraordinary enlargement capability from a 35 mm negative.

This paper will describe the new components and their features. These include emulsion improvements: optimized tabular grain technology, advanced cubic crystals, antenna dye sensitization, and improved spectral sensitivity. Chemical improvements are also described: advanced development accelerators, a new high-efficiency masking coupler, and improved DIR couplers.

Author Biography

Daniel Kennelly received his BS degree in Biology from the Siena College in 1978 and an MS in Mathematical and Applied Statistics from Rochester Institute of Technology in 1989. Since 1985, he has worked in the Research Labs at Eastman Kodak Company in Rochester, New York. His work has been primarily focused on the development of new color negative film products..