

**YOUR FINEST PROJECTS DESERVE  
THE WORLD'S FINEST GRAIN FILM.**



■ **KODAK VISION3 50D Color Negative Film 5203/7203**

KODAK VISION3 Films deliver the unsurpassed image quality, real-world flexibility, digital compatibility, and archival stability that you demand. Now we proudly present KODAK VISION3 50D Color Negative Film 5203/7203, the world's finest grain film.

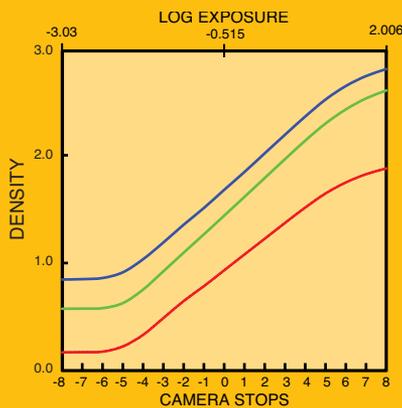
KODAK VISION3 50D Film demonstrates all the family qualities you've come to expect — unrivaled highlight latitude, flexibility in post and proven archival stability. It also proudly touts the world's finest film grain to ensure a pristine, clean image that is full of color and detail, especially in high contrast daylight situations.

For filmmakers who aspire to capture the world as only they see it, the KODAK VISION3 Film family provides all the tools necessary to do it without compromise.

[www.kodak.com/go/motion](http://www.kodak.com/go/motion)

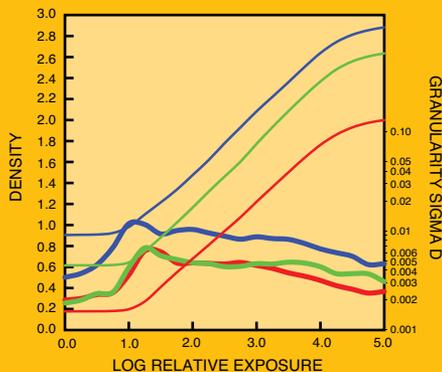
*Film. No Compromise.* **Kodak**





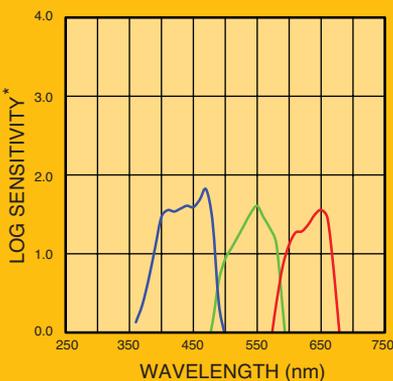
### SENSITOMETRIC CURVES

"0" on the x-axis represents normal exposure of an 18-percent gray card in the red, green, and blue layers of this film. A white card is  $2\frac{2}{3}$  stops higher than normal exposure, and there are at least  $3\frac{1}{2}$  stops above that for capturing specular highlight detail. A 3-percent black card is  $2\frac{2}{3}$  stops below normal exposure. There are at least  $2\frac{1}{2}$  stops of latitude below that for capturing shadow detail.



### DIFFUSE RMS GRANULARITY CURVES

To find the rms granularity value for a given density, find the density on the left vertical scale and follow horizontally to the sensitometric curve and then go vertically (up or down) to the granularity curve. At that point, follow horizontally to the Granularity Sigma D scale on the right. Read the number and multiply by 1000 for the rms value.



### SPECTRAL SENSITIVITY CURVES

These curves depict the sensitivity of this film to the spectrum of light. They are useful for determining, modifying, and optimizing exposure for blue- and green-screen special-effects work.

### Exposure Index

Daylight (5500K)—50; Tungsten—12 (with KODAK WRATTEN 2 Gelatin Filter No. 80A)

### Color Balance

This film is balanced for exposure with daylight illumination (5500K).

### Identification

After processing, the Kodak internal product code symbol (ER), product code number 5203, emulsion/roll number identification, and KODAK KEYCODE Numbers are visible along the length of the film.

### Grain

The perception of graininess of any film depends on scene content, complexity, color, and density. In KODAK 50D Color Negative Film 5203/7203, the measured granularity is low\*.

### Reciprocity

No filter corrections or exposure adjustments for exposure times from 1/1000 of a second to 1 second.

### Sharpness

The perceived sharpness of any film depends on various components of the motion picture production system. Camera and projector lenses, film printers, and other factors play a role. In 5203 Film, the measured MTF is high\*.

\* See Kodak publication H-1-5203t, available at [www.kodak.com/go/motion](http://www.kodak.com/go/motion), for more information.

### Storage

Store unexposed film at 13°C (55°F) or lower. For storage of unexposed film longer than 6 months, store at -18°C (0°F). Process film promptly.

### STANDARD PRODUCTS AVAILABLE\*

FORMAT AND SPECIFICATION NO.	LENGTH IN METERS (FEET)	CORE	DESCRIPTION	PERFORATIONS/PITCH METRIC (IMPERIAL)
65 mm SP332	305 (1000)	P	Emulsion In	KS-4740 (KS-1866)
35 mm SP718	122 (400)	U		BH-4740 (BH-1866)
35 mm SP718	305 (1000)	U		BH-4740 (BH-1866)
35 mm SP718	610 (2000)	U		BH-4740 (BH-1866)
16 mm SP455	30 (100)	R-90 100-ft spool	Winding B	1R-7605 (1R-2994)
16 mm SP457	122 (400)	T	Winding B	1R-7605 (1R-2994)

\* Availability may vary by location. Contact your local Kodak representative for additional information.

For direct ordering in the United States and Canada: 1-800-621-FILM (3456)



Notice: While the data presented are typical of production coatings, they do not represent standards that must be met by Kodak. Varying storage, exposure, and processing conditions will affect results. The company reserves the right to change and improve product characteristics at any time. New 4-11.

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KODAK 50D Color Negative Film, KODAK Publication No. H-1-5203

For additional information, visit us online at [www.kodak.com/go/motion](http://www.kodak.com/go/motion)

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