

# KODAK VERITA 200D

## COLOR NEGATIVE FILM 5206 / 7206



### TECHNICAL DATA / COLOR NEGATIVE FILM

APRIL 2026 H-1-5206

KODAK VERITA 200D Color Negative Film 5206/7206 is a medium-speed daylight-balanced emulsion. VERITA 200D Film has an anti-halation undercoat with a process surviving anti-stat backing layer that has been designed to reduce dust accumulation. It incorporates Kodak's proprietary advanced Dye Layering Technology (DLT).

KODAK VERITA 200D Film renders outstanding highlights and smooth skin tone reproduction. It is recommended as a daylight stock only.

KODAK VERITA 200D offers an engaging, shorter dynamic range when compared to KODAK VISION3, offering classically cinematic results. We invite cinematographers to experiment with it in their own unique workflows.

#### Base

KODAK VERITA 200D Color Negative Films 5206 and 7206 have an acetate safety base.

#### Storage

Store unexposed film at 13 C (55 F) or lower. For extended storage, store at -18 C (0 F) or lower. Process exposed film promptly.

Store processed film according to the recommendations in ISO 18911:2010, Imaging Materials - Processed Safety Photographic Films - Storage Practices.

	Short Term (less than 6 months)	Long Term (more than 6 months)
Unexposed film in original, sealed package	13 C (55 F) RH below 60%	-18 C (0 F) RH below 50%
Exposed film, unprocessed	-18 C (0 F) RH below 20%	Not recommended. Process film promptly.
Process film	21 C (70 F) RH 20 to 50%	2 C (36 F) RH 20 to 30%

This relates to optimized film handling rather than preservation; static, dust-attraction and curl-related problems are generally minimized at the higher relative humidity. After usage, the film should be returned to the appropriate medium or long-term storage conditions as soon as possible.

#### Warm-up Times

To prevent film telescoping, moisture condensation, and spotting, allow your film to warm to room temperature (21C/70F) before use:

Film Package	Recommended Warm-up Time (Hours)	
	8 C (15 F) Rise	39 C (70 F) Rise
16 mm x 400 ft	1	1 ½
35 mm x 1000 ft	3	5
65 mm x 1000 ft	6	12

For more information about film storage and handling, see ANSI/PIMA ISO-18911, SMPTE RP131-2002, and KODAK Publication No. H-845, The Essential Reference Guide for Filmmakers, available online at [www.kodak.com/go/referenceguide](http://www.kodak.com/go/referenceguide).

#### Darkroom Recommendations

Do not use a safelight. Handle unprocessed film in total darkness.

#### Exposure

##### Exposure Index

Daylight (5500K): EI200

Use this index with incident or reflected light exposure meters and cameras marked for ISO or ASA speeds or exposure index. This index applies for meter readings of average subjects made from the camera position or for readings made from a gray card of 18 percent reflectance held close to and in front of the subject. For unusually light or dark colored subjects, decrease or increase the exposure indicated by the meter accordingly.

#### Color Balance

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

## Exposure Table-Daylight Illumination

At 24 frames per second (fps), 180-degree shutter opening, use this table for average subjects that contain a combination of light, medium, and dark colors:

EXPOSURE TABLE FOR DAYLIGHT								
Lens Aperture	f/1.4	f/2	f/2.8	f/4	f/5.6	f/8	f/11	f/16
Footcandles Required	13	25	50	100	200	400	800	1600

## Reciprocity Characteristics

You do not need to make any filter corrections or exposure adjustments for exposure times from 1/1000 of a second to 1 second.

## Processing

Process in Process ECN-2.

Most commercial motion-picture laboratories provide a processing service for these films. See KODAK Publication No. H-24.07, Processing KODAK Color Negative Motion Picture Films, Module 7 available online at [www.kodak.com/go/h24](http://www.kodak.com/go/h24), for more information on the solution formulas and the procedure for machine processing these films. There are also pre-packaged kits available for preparing the processing solutions. For more information on the KODAK ECN-2 Kit Chemicals, check Using KODAK Kit Chemicals in Motion Picture Film Laboratories KODAK Publication No. H-333, available online at [www.kodak.com/go/h333](http://www.kodak.com/go/h333).

## Identification

After processing, the product code numbers 5206, or 7206 emulsion, roll, and strip number identification, KEYCODE Numbers, and manufacturer/film identification code (ET) are visible along the length of the film.

## Post-Production

KODAK VERITA 200D is intended for a digital post-production workflow.

The initial scans from images captured with this stock will be less neutral in the highlights, which tend to shift toward magenta. This can be adjusted in color grading and is due to this stocks' alternative linear response in higher densities – a signature characteristic, which also provides rich depth and warmth to a range of flesh tones.

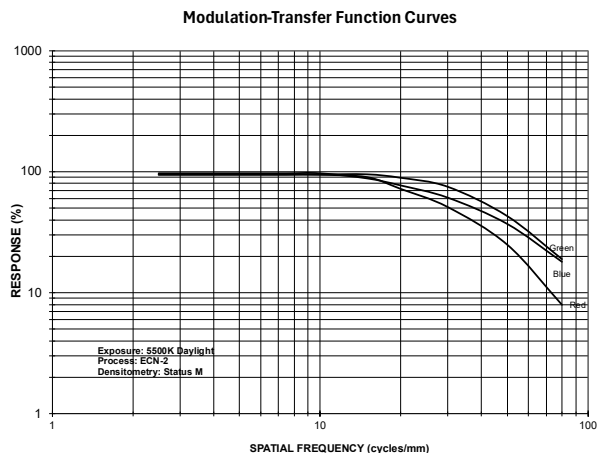
[www.kodak.com/go/scanning](http://www.kodak.com/go/scanning).

## Image Structure

For more information on image-structure characteristics, see KODAK Publication No. H-845, The Essential Reference Guide for Filmmakers available online at [www.kodak.com/go/referenceguide](http://www.kodak.com/go/referenceguide).

## Modulation Transfer Function

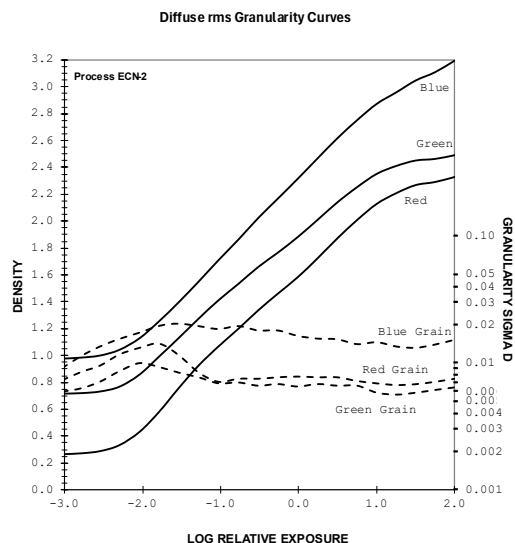
The "perceived" sharpness of any film depends on various components of the motion picture production system. The camera and projector lenses and film printers, among other factors, all play a role. But the specific sharpness of a film can be measured and is charted in the Modulation Transfer Function Curve.



This graph shows a measure of the visual sharpness of this film. The x-axis, "Spatial Frequency," refers to the number of sine waves per millimeter that can be resolved. The y-axis, "Response," corresponds to film sharpness. The longer and flatter the line, the more sine waves per millimeter that can be resolved with a high degree of sharpness — and the sharper the film.

## rms Granularity

The "perception" of the graininess of any film is highly dependent on scene content, complexity, color, and density. Other factors, such as film age, processing, exposure conditions, and telecine transfer may also have significant effects.



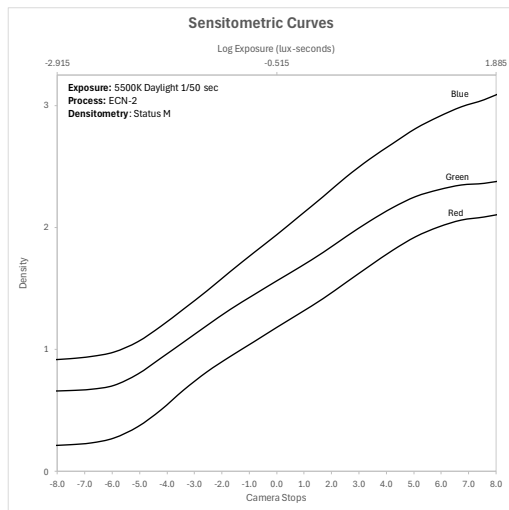
Read with a microdensitometer, using a 48-micrometre aperture.

To find the rms Granularity value for a given density, find the density on the left vertical scale and follow horizontally to the characteristic 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.

**Note:** This curve represents granularity based on modified measuring techniques. Sensitometric and Diffuse RMS Granularity curves are produced on different equipment. A slight variation in curve shape may be noticed.

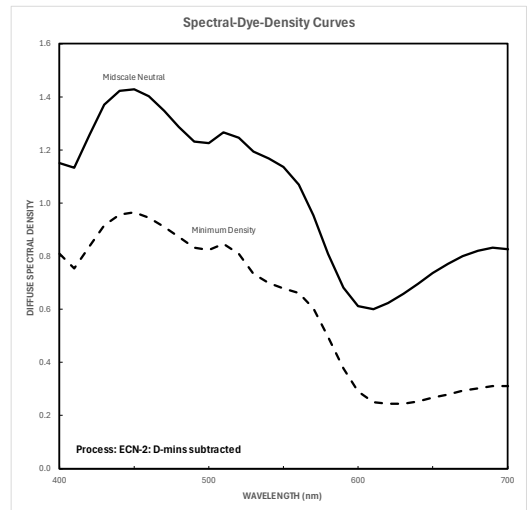
## Sensitometry

The curves describe this film's response to red, green, and blue light. Sensitometric curves determine the change in density on the film for a given change in log exposure.



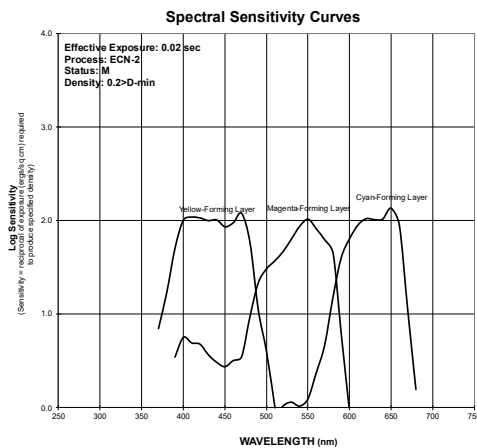
## Spectral Dye-Density Curves

These curves depict the spectral absorption of the dyes formed when the film is processed. They are useful for adjusting or optimizing any device that scans or prints the film.



## Spectral Sensitivity

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.



**Note:** The sensitometric curves and data in this publication represent product tested under the conditions of exposure and processing specified. They are representative of production coatings and therefore do not apply directly to a particular box or roll of photographic material. They do not represent standards or specifications that must be met by Eastman Kodak Company. The company reserves the right to change and improve product characteristics at any time.

## Available Roll Lengths and Formats

See Kodak Motion Picture Products Catalog at [www.kodak.com/go/mpcatalog](http://www.kodak.com/go/mpcatalog)

To order film in the United States and Canada, call 1- 800-356-3259, prompt 3.

Worldwide customers can find the nearest sales office at [www.kodak.com/go/worldwide-film-suppliers](http://www.kodak.com/go/worldwide-film-suppliers)

