

Film Data Sheet
PolaPan CT 35mm Black & White
Instant Slide Film



Film Speed

125 ISO/ 22 DIN

Exposures per Unit

Sold in 12 or 36 exposures per roll

Development

1 minute using a Polaroid AutoProcessor or PowerProcessor



Description

General purpose, medium contrast, continuous tone black & white instant slide film. Balanced for daylight and electronic flash.

Key Applications

- Presentations
- Training and teaching aids
- Documentation

Compatible Hardware

- Any 35mm camera
- MP4+ (with universal mount and 35mm camera)
- FreezeFrame or FreezeFrame Plus
- Bravo Slide Maker
- Color film recorders

Alternative Product

- Polagraph 35mm Instant Slide Film

Caution

This film uses a small amount of caustic paste. If any paste appears, avoid contact with skin, eyes and mouth and keep away from children and animals. If you get some paste on your skin, wipe it off immediately, then wash with water to avoid an alkali burn. If eye contact occurs, quickly wash the area with plenty of water and see a doctor.

Full Warranty

Film replaced if defective in manufacturing, packaging or labeling. Return defective film pack and photos showing defect to Polaroid Dealer or Polaroid Customer Care Center. Warranty does not apply to outdated film and excludes consequential damages. Some states do not allow the exclusion or limitation of consequential damages, so the foregoing limitation or exclusion may not apply to you.

Film Data Sheet
Technical Data

Polapan CT
Instant B&W 35mm Slide Film

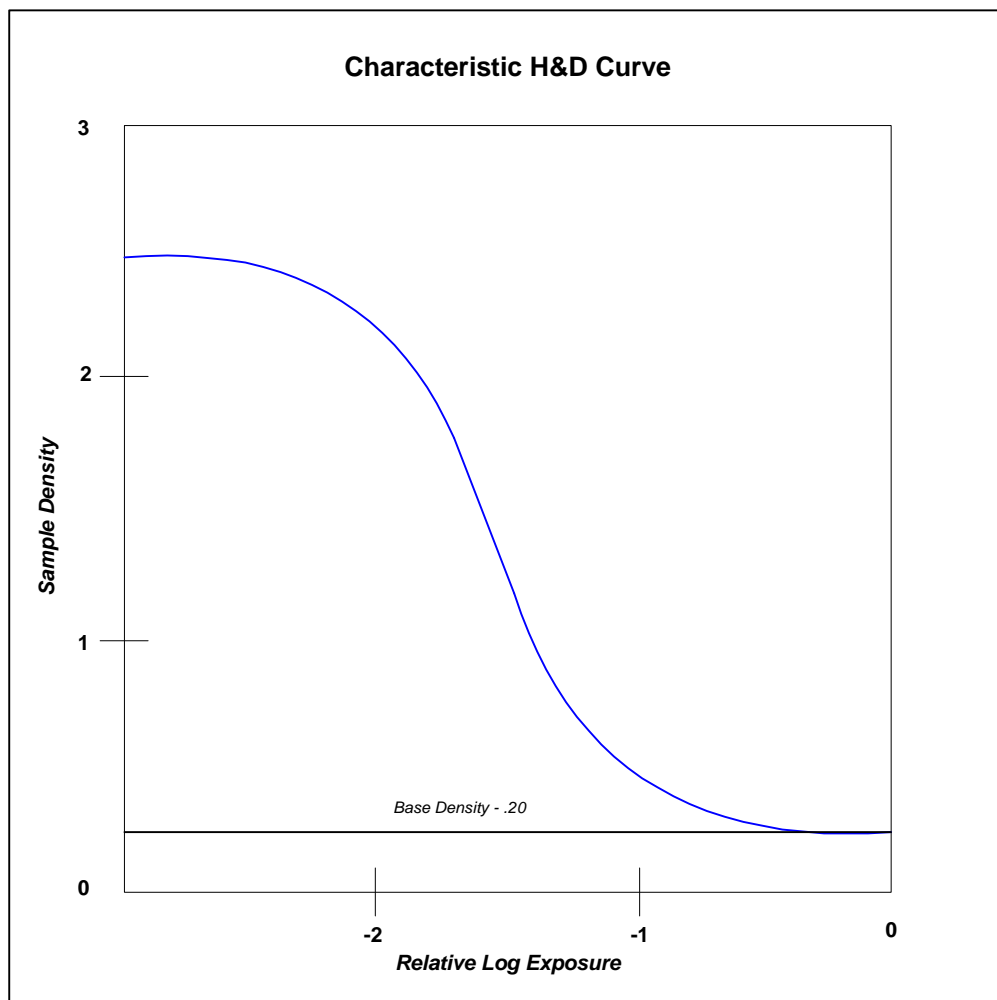


This information represents the typical performance of Polaroid Polapan CT Instant B&W 35mm Slide film. Specific film lots may vary.

Recommended speed (ISO)

Light source	Speed (ISO)	Filter
Daylight	125/22°	None
Tungsten 3200°K	80/20°	None

Exposure latitude	Over - 1 stop
Recommended processing time and temperature	65-70°F/18-21°C 2 minutes 70-85°F/21-29°C 1 minute
Resolution (1000:1)	90 line pairs/mm
Spectral sensitivity	Panchromatic
Contrast	Medium
Analysis of H&D curve	D-Max - 2.50 D-Min - 0.00 (above .20 base density) Slope - 2.00



Filter factors

Filter no.	Filter color	Aperture adjustment (f-stops)	Filter factor (exposure multiplier)
1A	Pale pink	None	1
8	Yellow	+2/3 stop	1.6
15	Deep yellow	+1 stop	2.0
25	Red	+2 2/3 stops	6.3
47B	Deep blue	+2 2/3 stops	6.3
58	Deep green	+2 2/3 stops	6.3

D-Max: The density value for the film's darkest black.

D-Min: The lowest density value that a film exhibits. In prints, the whiteness of the brightest highlight, relative to the unprocessed print.

Slope: The positive ratio of the log E increments of the straight line region of the curve, as determined by the 1/4-3/4 increment method. The slope of an H&D curve indicates the overall contrast of a film: low contrast slopes less than 1.10; medium contrast slopes from 1.10 to 1.70; high contrast slopes greater than 1.70.

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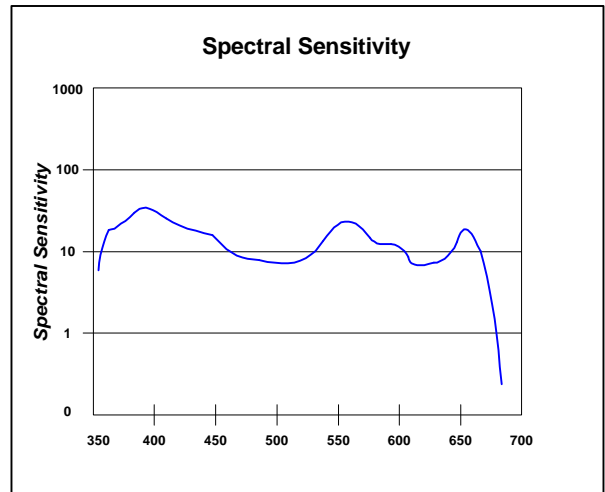
Polapan CT
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Reciprocity law failure

A wide range of shutter speeds can be used without loss of film speed. For longer exposure times, some exposure compensation is suggested.

Indicated exposure time (sec.)	Adjust aperture or time	
	Aperture	Corrected exposure time
1/10,000 - 1/15	None	Same
1/8	+1/3 stop	Same
1/4	+2/3 stop	.5 sec.
1/2	+1 stop	1 sec.
1	+1 stop	3 sec.
2	+1 1/3 stops	6 sec.
4	+1 2/3 stops	20 sec.
8	+2 stops	60 sec.
16	+2 1/3 stops	150 sec.
32	+2 2/3 stops	10 min.
64	+3 stops	24 min.



Reciprocity: The ability of the film to respond in a constant manner to a constant exposure (light intensity x time). Reciprocity failure occurs during very long or very short exposures, requiring the photographer to increase exposure.

Spectral Sensitivity: Shows the equivalent energy needed at each wavelength in order to activate the emulsion so that it produces a neutral density of .75.