



Film Data Sheet  
 Technical Data

**T-88, T-108, T-669 and T-669S (pack); T-559 and T-559S (4x5 pack); T-59 (4x5 sheet) and T-809 (8x10 sheet) Instant Color Peel-Apart Films**



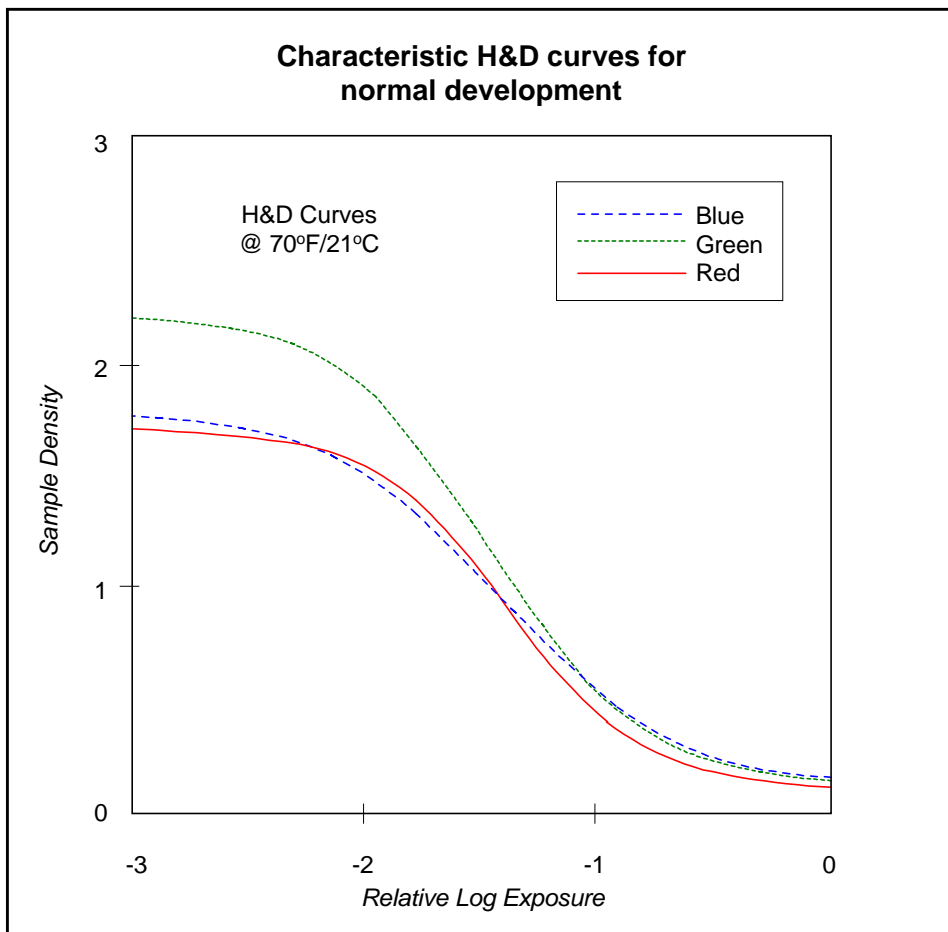
The information in this data sheet represents the typical performance of Polaroid's T-88, T-108, T-669, T-669S, T-559, T-559S, T-59 and T-809 color films. Specific film lots may vary.

<b>Recommended speed (ISO)</b>	80 / 20°
<b>Recommended processing time and temperature</b>	60 sec. at 70°F/21°C
<b>Resolution (1000:1)</b>	9 line pairs/mm
<b>Contrast</b>	medium

**Processing time and temperature**

For best results process at temperatures above 60°F(16°C).

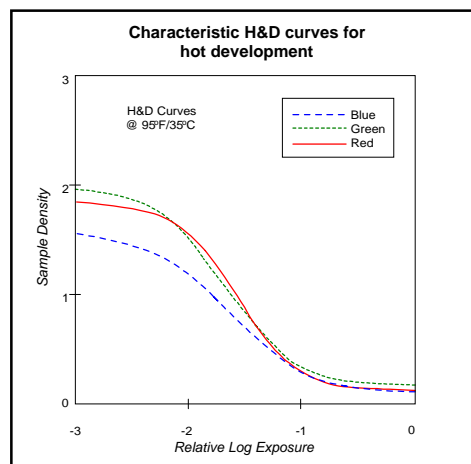
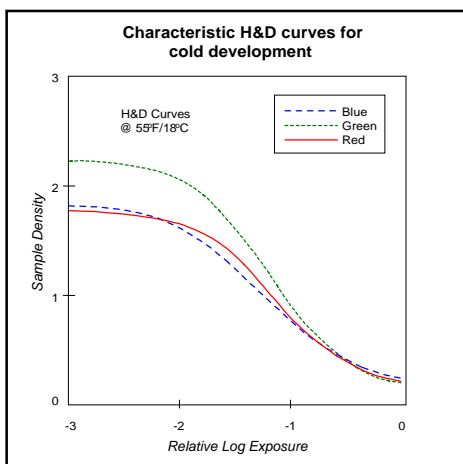
°F	°C	Time in seconds	Exposure adjustment
90	32	60	-1/2 stop
75	24	60	None
70	21	60	None
65	18	75	+1/2 stop
55	13	90	+1 stop



**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.



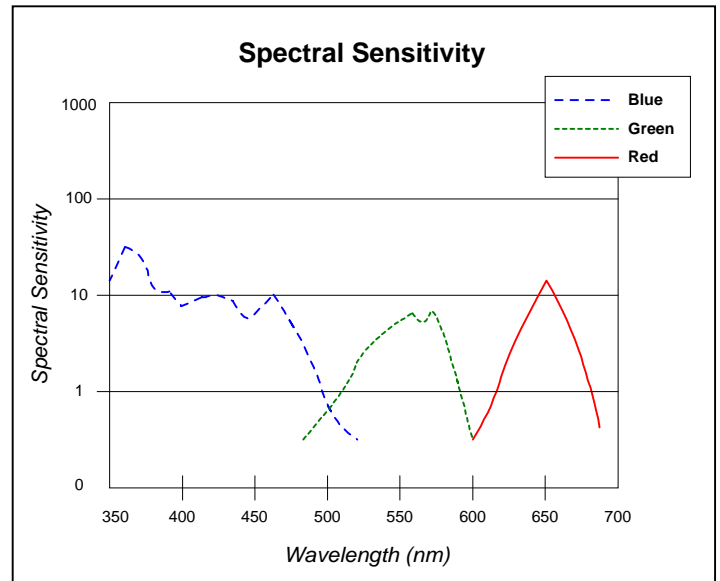
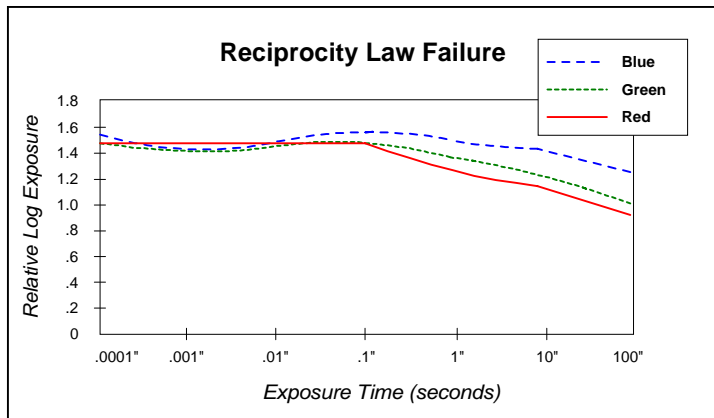
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**Reciprocity law failure**

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



**Light sources and filters**

Light source	Indicated exposure time (sec.)	Filtration	Effective film speed (ISO)*
Daylight (5500°K)	1/3000**	CC10C	64/19
	1.1000**	None	80/20
	1/125	None	80/20
	1/3	CC10R	64/19
	1/8	CC30R	50/18
	1/4	CC30R+CC10Y	40/17
	1	CC40R+CC10Y	25/15
Tungsten/Halogen (3200-3400°K)	1/8	CC60B	12/12
	1	CC50B	10/11
	5	CC40B	8/10
	10	CC40B	8/10
	30	CC30B	8/10
MP-4 Tungsten (2800°K)	1/8	CC60B	12/12
	1	CC50B	10/11
	5	CC40B	8/10
	10	CC40B	8/10
	30	CC30B	8/10
Tungsten microscope illuminator (3200°K)	0.125	CC50B	12/12
	1	CC40B	12/12
	5	CC30M	12/12
	10	CC20M	12/12

**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.

\* Recommended meter setting (compensates for reciprocity effects and filter factors)

\*\* With electronic flash