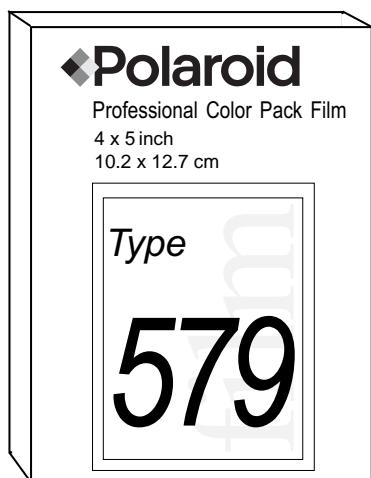


**Film Data Sheet**  
**T-579**  
**4 x 5 Pack Film**



**Film Speed**

ISO 100/DIN 21

**Format**

4 x 5 in. (10.2 x 12.7 cm)  
Pack Film

**Image Area**

3<sup>1</sup>/<sub>2</sub> x 4<sup>5</sup>/<sub>8</sub> in. (9 x 11.7 cm)

**Finish**

Glossy

**Exposures per Unit**

10 exposures per pack

**Development Time**

90 seconds at  
70°–95°F (21°–35°C)

**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. Keep discarded materials away from children, animals, clothing and furniture.

**Limited Warranty**

See information on the film box.

**Description**

Medium-speed, medium-contrast, medium-grain, daylight and electronic flash balanced (5500°K) color print film. This film features accurate colors and bright whites; sharp, vibrant, saturated proofs and final art; lower contrast for greater detail when compared to Polaroid Pro 100 film; improved reciprocity characteristics, and fast clearing and drying.

**Key Applications**

- Professional photography (proofing and final art)
- Passport/document photography
- Scientific/industrial photography

**Compatible Hardware**

- Model 550 Film Holder

**Special Instructions**

*Temperature affects the final image:*

Processing at temperatures above 95°F (35°C) or below 55°F (13°C) is NOT recommended. Best results obtained between 65°–85°F (18°–29°C).

*Force-drying prints:*

Allow the print to air-dry for at least thirty (30) seconds before using a forced-hot-air dryer.

*Viewing:*

When evaluating the color balance of a print, use the same light source under which the print is to be viewed as a finished product.

*Laminating prints:*

This film is NOT recommended for use with laminates requiring a wet print to produce a photo-destruct bond.

**Alternative Product**

Use Polacolor 559 for emulsion lift and T-64 Tungsten for tungsten lighting.

**Processing Information**

Temperature °F	Temperature °C	Proc. Time (sec.)	Equivalent Film Speed (ISO/DIN)	Exposure Adjustment
70-95	21-35	90	100/21	None
65-69	18-20	120	100/21	None
61-64	16-17	150	100/21	None
55-60	13-15	180	100/21	None

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**T-579, T-679, & T-879**  
**Instant Color Peel-Apart Films**



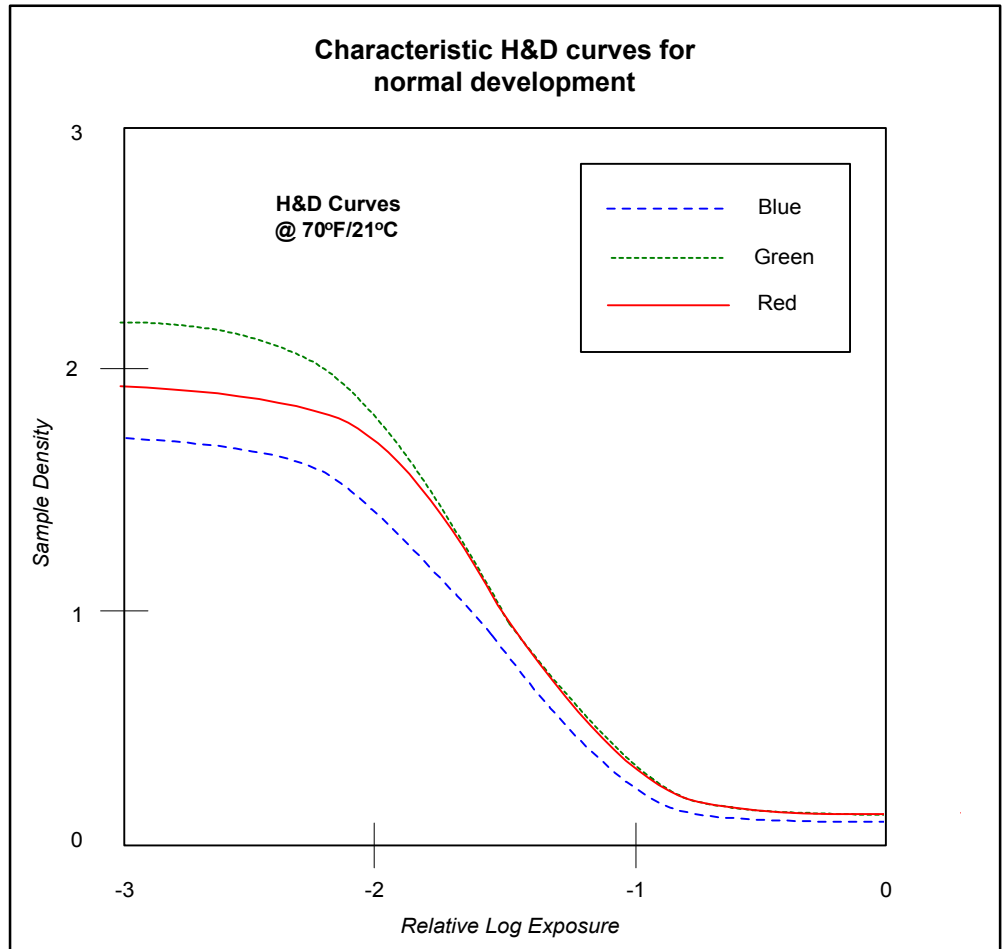
The information in this data sheet represents the typical performance of Polaroid's T-679, T-579 and T-879 color films. Specific film lots may vary.

**Recommended speed:**  
 ISO/DIN 100/21°

**Recommended processing time and temperature:**  
 90 seconds at 70° -95°F  
 (21°-35°C)

**Balance:**  
 Daylight and electronic flash (5500°K)

**Contrast:**  
 Medium

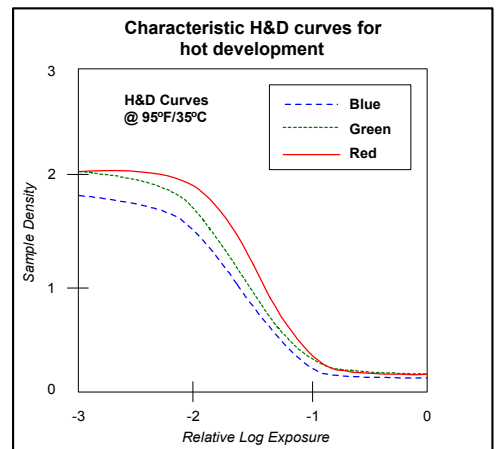
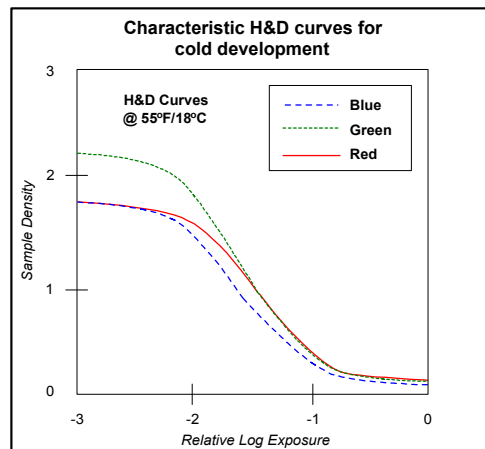


At 71° F/21° C: D-Max = 1.8 D-Min = .16 Slope = 1.30

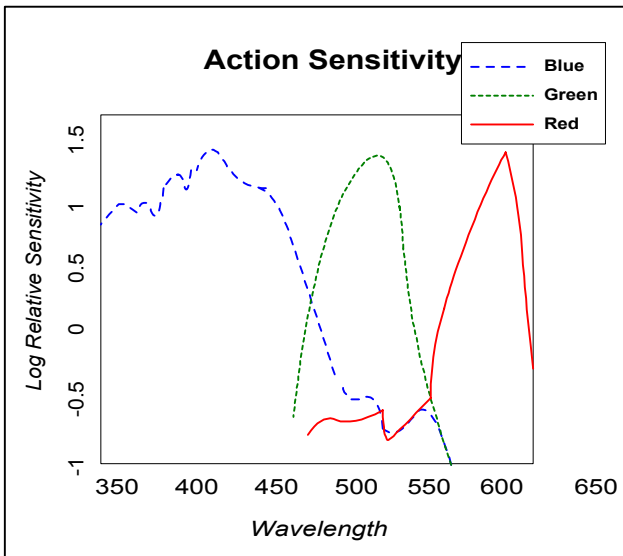
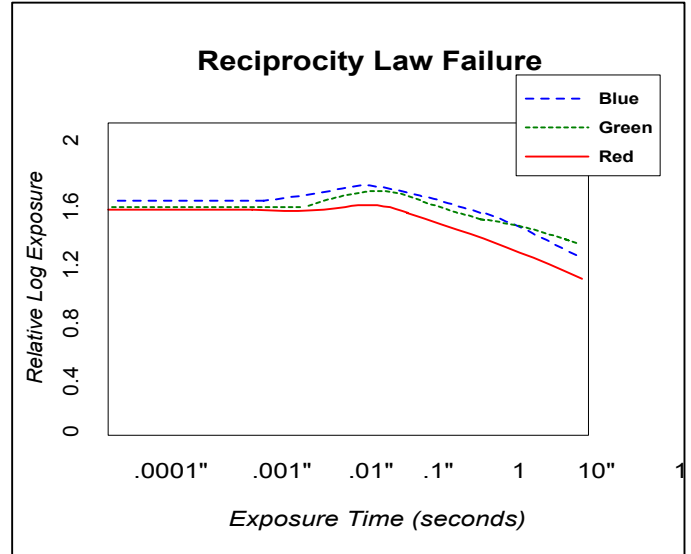
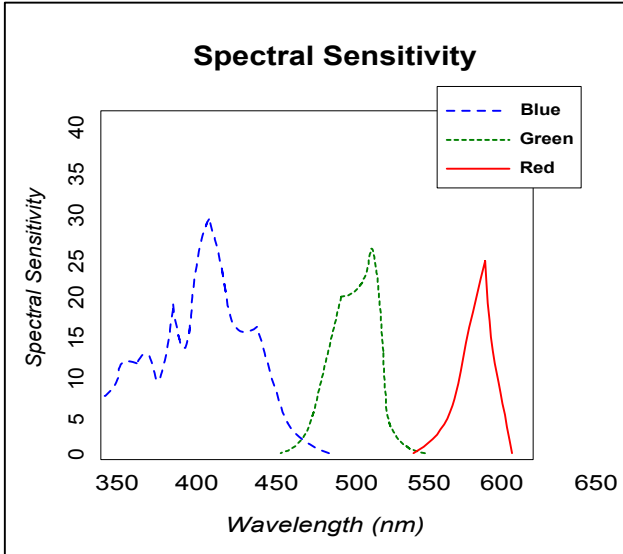
**D-Max:** The density value for the film's darkest black.

**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.



T-579, T-679, & T-879  
Instant Color Peel-Apart Films



**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 dyes so that they produce a neutral density of 0.75.

**Action Spectra:** Shows the film's relative sensitivity throughout the visual spectrum.

Film Data Sheet  
 Technical Data

**T-579, T-679, & T-879**  
**Instant Color Peel-Apart Films**



<b>Intermittency Effect (Multi-Pop)</b>				
<b>Polaroid Proof</b>			<b>Ektachrome (100Plus)</b>	
<i># of Flashes</i>	<i>*Exposure Change</i>	<i>**Color Correction</i>	<i>Exposure Change</i>	<i>Color Correction</i>
1	none	none	none	none
2	1 stop	cc 5 red	none	none
4	2 stops	cc 10 magenta + 5 yellow	+1/3	none
8	3 stops	cc 15 magenta + 5 yellow	+ 1/2	cc 5 magenta
16	4 stops	cc 25 magenta + 10 yellow	1	cc 5 magenta

\* Exposure change from the best Polaroid Proof

\*\* The Polaroid Proof has an increasing green color balance from 4 to 16 flashes. Use the above magenta filtration to subtract green. The recommended filters require the following exposure changes: cc 5m - none, cc 10m + 1/3, and cc 20m + 2/3.

<b>Filter Recommendations</b>			
<i>Color Temp (°K)</i>	<i>Exposure</i>	<i>Filtration</i>	<i>Effective ISO (approx.)</i>
2800°K	1/8 sec	80A + 5M	32
	1 sec.	80A + 20M	25
	4 sec.	80A + 30M	20
	15 sec.	80A + 40M	16
3200°K	1/8 sec.	80A	32
	1 sec.	80A + 10M	25
	4 sec.	80A + 20M	20
	15 sec.	80A + 30M	16