Film Data Sheet
T-879
8 x 10 Sheet Film

Film Speed
ISO 100/DIN 21

Format
8 x 10 in. (20.3 x 25.4 cm)
Sheet Film

Image Area
$7^1/_2$ x $9^1/_2$ in. (19 x 24 cm)

Finish
Glossy

Exposures per Unit
15 exposures per box

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 (strobe or short exposures only)
- Final art
- Test shots
- Large-format copystand photography
- Evidence documentation
- Photographic souvenirs
- Large-format photomicrography
- Materials and quality control documentation
- Special events photography

Compatible Hardware
- MP-4+ Camera (w/ 8 x 10 head)
- 8 x 10 processor/ holder/ tray
- DayLab

Special Instructions
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 809 for emulsion lift

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

Film Data Sheet
Technical Data

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

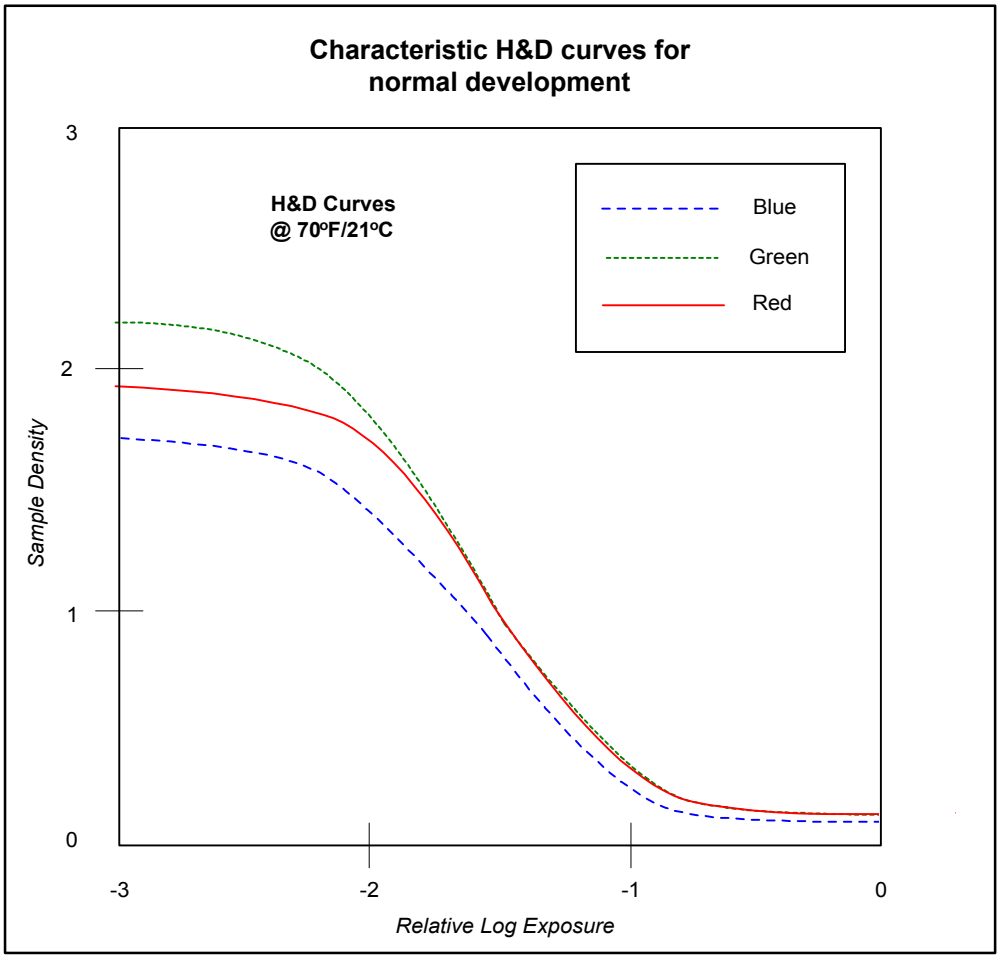
The information in this data sheet represents the typical performance of Polaroid's T-679, T-579 and T-879 color films. Specific film lots may vary.

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

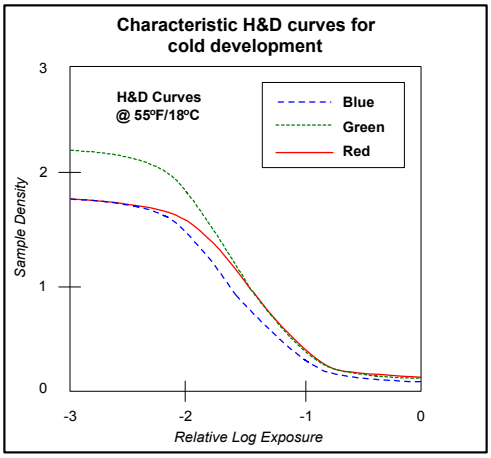


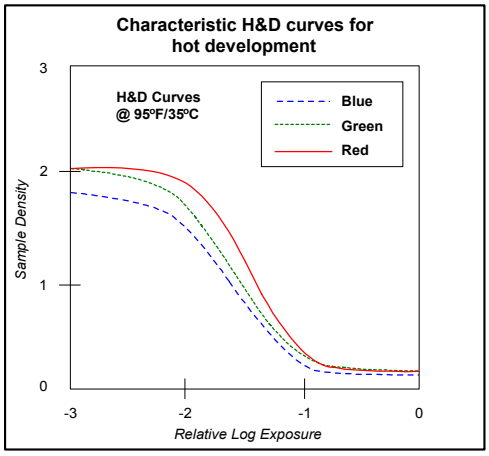
At 71° F/21° C: D-Max = 1.8 D-Min = .16 Slope = 1.30

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.

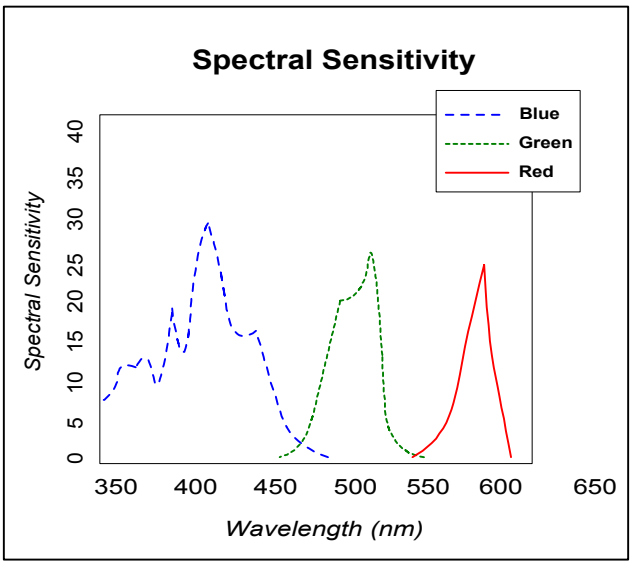
Slope: The positive ratio of the log E increments of the straight line region of the curve, as determined by the 1/4-3/4 increment method. The slope of an H&D curve indicates the overall contrast of a film: low contrast slopes less than 1.10; medium contrast slopes from 1.10 to 1.70; high contrast slopes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

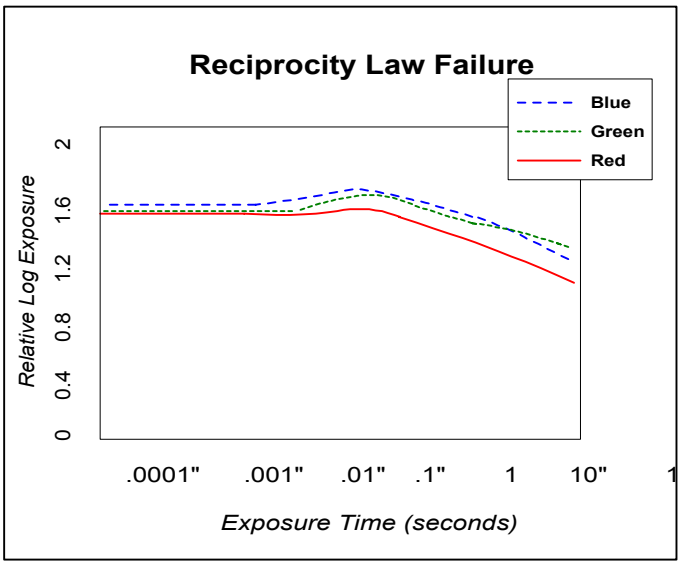


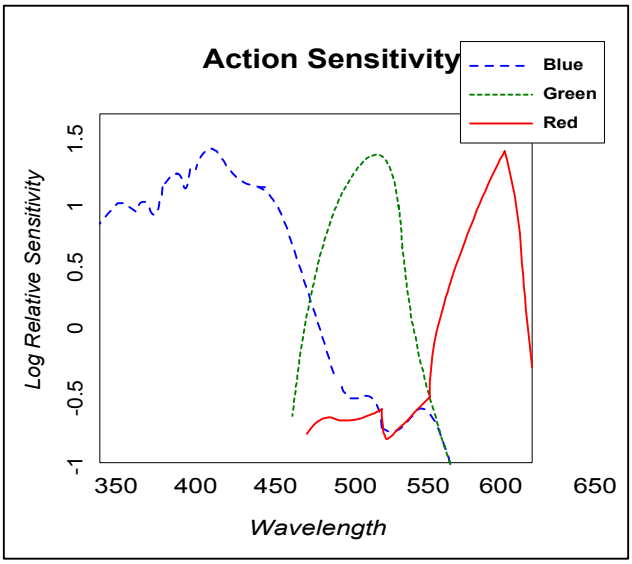


Film Data Sheet
Technical Data

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

Intermittency Effect (Multi-Pop)

Polaroid Proof			Ektachrome (100Plus)	
# of Flashes	**Exposure Change*	***Color Correction*	*Exposure Change*	*Color Correction*
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.

Filter Recommendations

Color Temp (°K)	*Exposure*	*Filtration*	*Effective ISO (approx.)*
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