

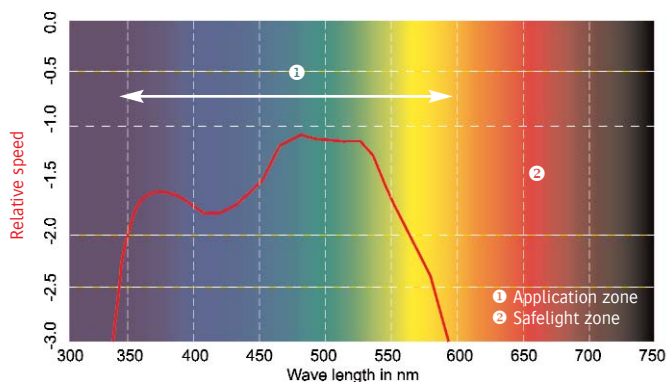
Product features



HD

Description:

- * ImPower Plus I-CQ and I-CQM are orthochromatic camera speed films
- * ImPower Plus I-CQ and I-CQM 4th generation hard dot premium quality films with extremely high sharpness
- * Emulsion coated on a 0.10 mm (0.004 inch) thick polyester base



Features

- ◀ High photographic speed
- ◀ Very steep gradation and gradation toe
- ◀ Exceptional dot-and line sharpness (specially when developed in lith)
- ◀ Wide exposure latitude and development latitude
- ◀ Low minimum density and good UV-transmission
- ◀ Faithfull reproduction of the original
- ◀ High maximum density
- ◀ Anti-static layer for dust-free handling
- ◀ Anti-stress layer to protect against scratches and other damage
- ◀ Special layer in the emulsion to prevent Newton rings

Film handing

Camera	RPS 2024
Line exposure	scale 1:1 - f22
Exposure time	8 s
Exp. through back	20s

Processing

Chemistry : ACD
Time : 30sec
Temp : 35°C

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D.Max : 4.80
D.Min : 0.03
Gradation toe : 6
Gradation : 25

For making halftones we recommend the use of Policrom GNUE AGST-screen or Efta-Kohinoor G-RAE AG-STN

Processing : ImPower Plus I-CQ(M) is suitable for processing in machine or in tray

User guidelines



Processing conditions :

Agfa developers

(R.A. processors and Lith processors)

Recommended processing time

30 sec.

Processing latitude

20 - 45 sec.

Processing temperature

35°C or 95°F

Developer replenishment

ACD/ASD



15% exp. :

150 mL/m2

0.10cc/sqin



50% exp. :

250 mL/m2

0.16cc/sqin



85% exp. :

425 mL/m2

0.27cc/sqin

Anti-Ox replenishment

2000 mL/24h (shallow tank)

1000 mL/24h (deep tank)

Agfa fixers

Fixing temperature

G333c/G333p

35°C or 95°F

G333c/G333p

Fixer replenishment



without fixer electrolysis



15% exp. :

875 mL/m2

0.56cc/sqin



50% exp. :

500 mL/m2

0.32cc/sqin



85% exp. :

250 mL/m2

0.16cc/sqin

with fixer electrolysis

250 mL/m2

In tray

Developing

ImPower Plus developers ACD/ASD : 21°C - continually agitated
Optimum processing time : 2'30" (latitude 1'30" - 4'00")

Fixing

G333C : 21°C - continually agitated - Min. fixing time : 2 min

Washing

5 min in running water - Shorter washing times reduce the lifetime of the developed film

Safelight conditions:

Red light. Recommended : EncapSulite R10 or 1A safelight filter

Storage:

The films are preferably stored in a cool dry place temperature below 20°C (68°F) and a relative humidity between 30% and 60%.

Machine processing :

All graphic processors