



TECHNICAL INFORMATION

Black and White Negative Film ISO 100

Product Description

The AristaPan 100 Black & White film is a 100 ISO/ASA film with fine grain and a dye-anti-halation layer.

Exposure Index (E.I.) 100/21°

EI refers to developed AristaPan 100 with an average gradient of .65. Processing conditions like temperature fluctuation during development or water quality can affect the EI. *A film exposure test using your preferred conditions is highly recommended to achieve optimal results.*

Processing

For normal exposure, here are the recommended times* for each developer (20°C/68°F):

- Rodinal (1+25) - 6.5 to 7 minutes
- D-76 (Stock) - 6.5 to 7 minutes
- D-76 (1+1) - 8.5 to 9 minutes
- HC-110 (dilution B) - 5.5 to 6 minutes
- XTOL (1+1) - 8 to 8.5 minutes

**Published development times are considered a recommended starting point. Always test new materials in your personal workflow and environment to guarantee success.*

Storage

Raw/Unexposed film:

- Ideally, store film in the original, sealed package, at 74°F (23°C), or lower, in humidity of 50-70%.
- For storage longer than 3 months, it is recommended to store in cooler temperatures.
- Refrigeration is ok, but allow the package to warm up to room temperature for 2 to 3 hours before opening/using it.

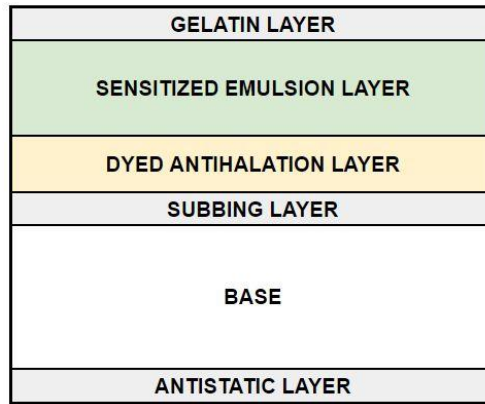
Exposed film:

- Store in a cool, dry place, and process it as soon as possible.
- Exposed film stored for long periods can be detrimental to the latent image.

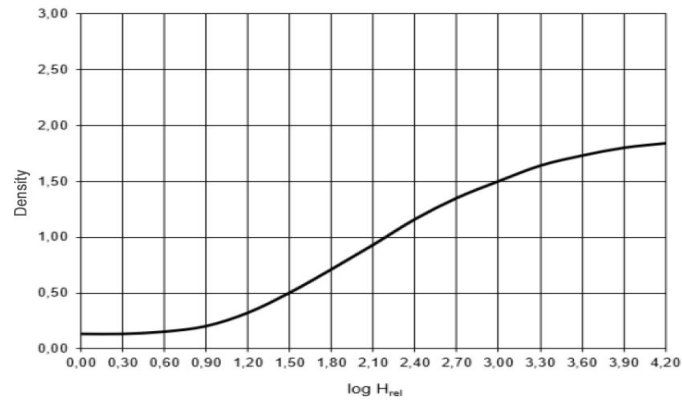
RMS-Granularity

- Average value of 12 (48 um).

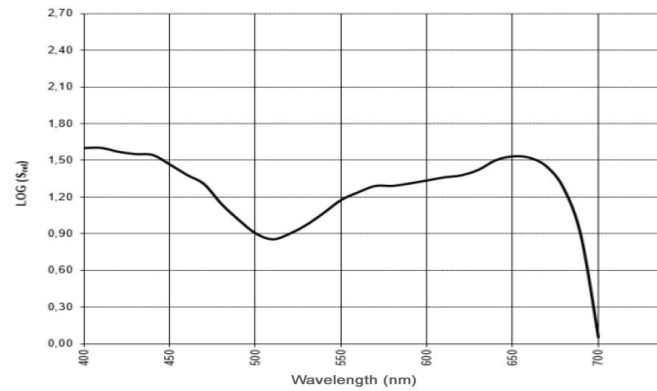
Structure



Characteristic Curve



Relative Spectral Sensitivity



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