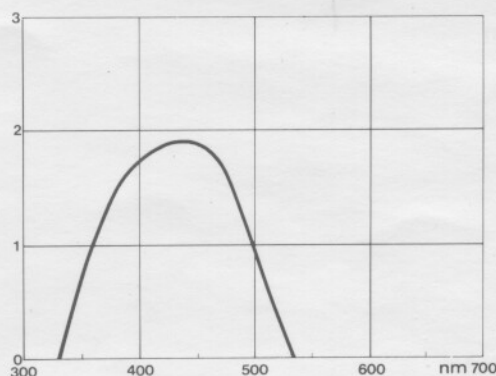




Technical Information

SPECTROGRAPHIC PLATES SCIENTIA 34B50 AH

The Scientia plates 34B50 AH are used for spectrographical qualitative and/or quantitative analysis of ores, alloys and metals. They are primarily used on account of their soft gradation and high speed. The Scientia plates 34B50 AH have a non-colour sensitive emulsion for tungsten light (see spectrogram).



Spectrogram with tungsten light (3.200° K)

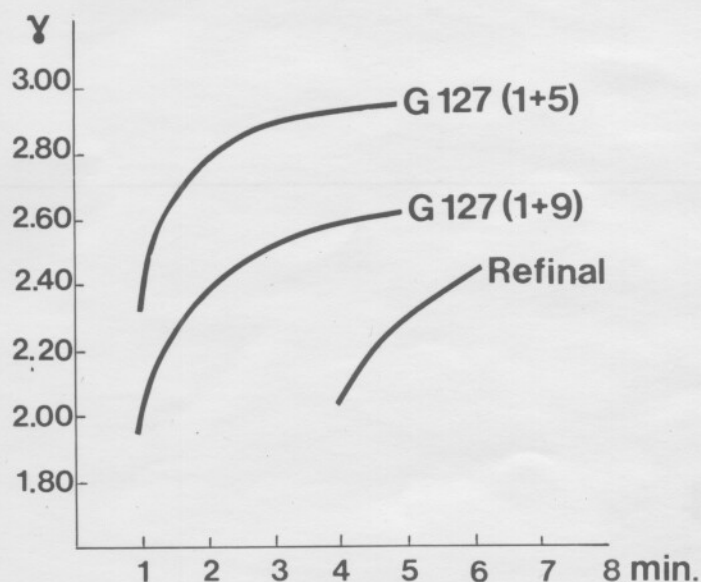
Recommended darkroom filter :

R4 (dark-red)

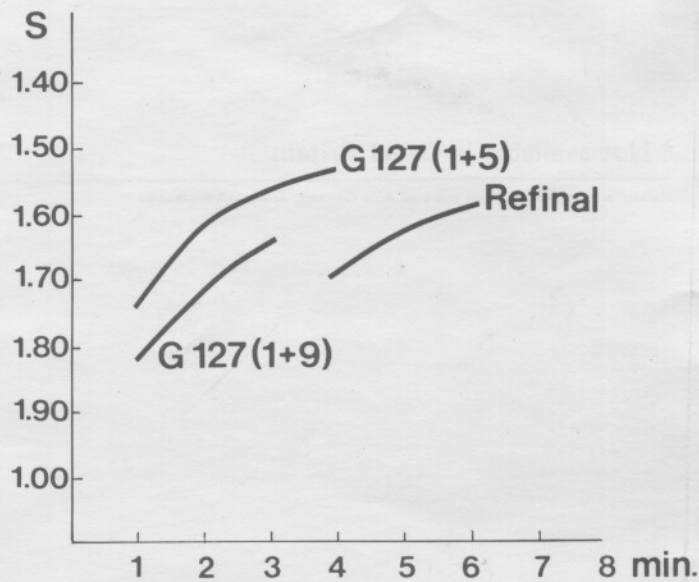
Recommended developers :

G127 and Refinal*.

Refinal and G127 developer (dilution : 1 part of developer + 9 parts of water) when a soft gradation is desired, and G127 (dilution : 1 part of developer + 5 parts of water) for a harder gradation (see curves).



Time-gamma curves



Time-sensitivity curves

Intermediate rinsing :

from 15 up to 30 seconds.

Fixing bath :

G321 (4 minutes at 20°C) is recommended, though any other fixer may be used.

Final wash :

20 minutes in running water.

ASSORTMENT

glass plates : 6 x 24 cm/per 12*

9 x 24 cm/per 12*

4 x 10 in./per 12

thickness of the glass : 0.8 - 1.0 mm

* Not available in Great Britain

Refinal is a registered trade mark of Agfa-Gevaert, Antwerp/Leverkusen.