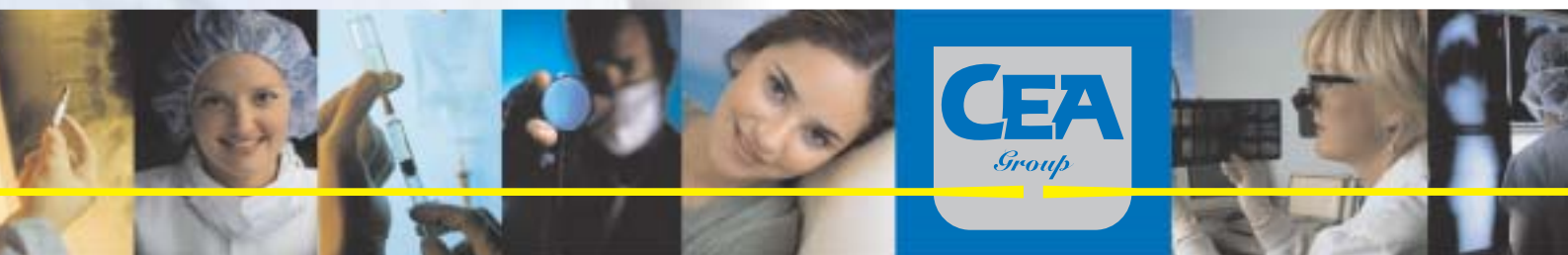




Medical X-ray film for general radiology medium to high contrast with high system speed

- High speed for dose reduction in all processing conditions
- Consistent image quality in all types of chemicals
- Excellent visualisation across all density levels
- Low noise level and low fog



GENERAL DESCRIPTION

CEA OGX is a medium to high contrast film for use in general radiology with green emitting screens. The higher system speed allows considerable dose reduction in all processing conditions, while maintaining a constant and high image quality. The flat crystal emulsion technology keeps image quality at a consistent high level, even when the film is processed in weaker chemicals or less favourable conditions.

PROCESSING

CEA OGX is designed for standard 90 seconds processing. It can be processed in any X-ray processor with 90 to 180 seconds cycles, or manually. For consistent results we recommend CEA original processing chemicals.

DARKROOM HANDLING

The use of a special red safelight filter is recommended like GBX-2, Wratten No 1 or EncapSulite Darkroom Safelights, Type R 20 Red. Darklight must be used in conjunction with a 15 Watt frosted bulb and must be positioned at least at 1,2 m (4 feet) distance from the unloading/loading area. The film should be handled carefully. Creasing, buckling as well as physical pressure should be avoided.

PRODUCT BENEFITS

- High system speed with low fog and noise level
- Suitable for a complete range of applications
- Suitable in all kinds of processing systems
- Compatible with CEA green emitting screens and all other types of green emitting screens

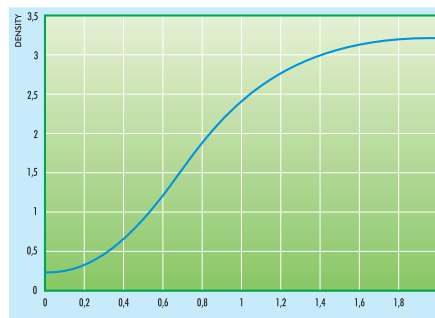
TECHNICAL INFORMATION

| | |
|---------------------------|------------------|
| Base | Polyester |
| Base colour | Blue |
| Thickness | 0,18 mm (0,007") |
| Main spectral sensitivity | Green |

RECOMMENDATIONS

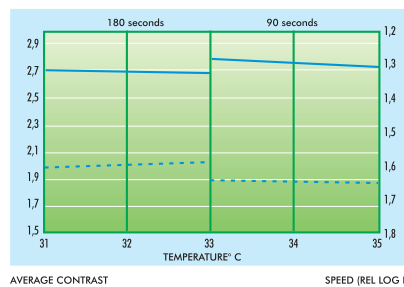
| | | |
|------------------------|-------------|---------------------------|
| Developing temperature | 90 seconds | 33-35° C (91-95° F) |
| | 180 seconds | 31-33° C (88-91° F) |
| Replenishment rate | developer | 300-400 ml/m ² |
| | fixer | 400-500 ml/m ² |
| Storage temperature | | 10-20° C (50-68° F) |
| Rel. humidity | | 40-60% |

SENSITOMETRIC CURVE



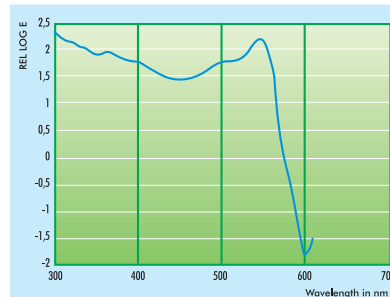
CEA OGX developed in CEAROLL Developer at 35° C (95° F) at 90 seconds processing time

SPEED AND CONTRAST AT DIFFERENT PROCESSING CYCLES



CEA OGX processed in CEAROLL Developer

SPECTRAL SENSITIVITY



Sensitivity according to the energy necessary to attain a density of above fog



NOTIFIED BODY NO. 0402



CEA AB is ISO 9001:2000 certified

THE SWEDISH ALTERNATIVE

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