

ANSCO 81 • REPROLITH DEVELOPER

Formula 81 provides a single-solution developer of excellent keeping quality for the development of Repronith Film.

	Metric	Avoirdupois	
Hot Water (125 F or 52 C)	750 cc.	24 ounces	3 quarts
Hydroquinone	35 grams	1 oz. 75 gr.	4 ³ / ₄ ounces
Sodium Sulfite, anhydrous	55 grams	1 ³ / ₄ oz. 40 gr.	7 ¹ / ₄ oz. 50 gr.
Sodium Carbonate, monohydrated	80 grams	2 ¹ / ₂ oz. 80 gr.	10 ³ / ₄ ounces
Citric Acid	5.5 grams	80 grains	1 ¹ / ₂ oz. 100 gr.
Potassium Bromide	10 grams	1/4 oz. 35 gr.	1 ¹ / ₄ oz. 40 gr.
Water to make	1 liter	32 ounces	1 gallon

Do not dilute for use. Normal developing time not longer than 3 minutes at 68 F (20 C).

ANSCO 90 • HIGH CONTRAST M-H TRAY DEVELOPER

This developer has been particularly designed for use with Commercial and Process films to produce negatives of brilliant contrast.

	Metric	Avoirdupois	
Hot Water (125 F or 52 C)	750 cc.	24 ounces	3 quarts
Metol	5 grams	72 grains	1/2 oz. 70 gr.
Sodium Sulfite, anhydrous	40 grams	1 1/4 oz. 40 gr.	5 1/4 oz. 50 gr.
Hydroquinone	6 grams	88 grains	3/4 oz. 20 gr.
Sodium Carbonate, monohydrated	40 grams	1 1/4 oz. 40 gr.	5 1/4 oz. 50 gr.
Potassium Bromide	3 grams	44 grains	1/4 oz. 65 gr.
Water to make	1 liter	32 ounces	1 gallon

Do not dilute for use.

Normal developing time, 4 to 6 minutes at 68 F (20 C).

ANSCO 103 • PAPER DEVELOPER

This formula is recommended as a developer for Monodex, Convira and Speedex papers when cold, blue-black tones are desired.

	Metric	Avoirdupois	
Hot Water (125 F or 52 C)	750 cc.	24 ounces	3 quarts
Metol	3.5 grams	51 grains	1/4 oz. 95 gr.
Sodium Sulfite, anhydrous	45 grams	1 1/2 ounces	6 ounces
Hydroquinone	11.5 grams	1/4 oz. 50 gr.	1 1/4 oz. 90 gr.
Sodium Carbonate, monohydrated	78 grams	2 1/2 oz. 45 gr.	10 1/2 ounces
Potassium Bromide	1.2 grams	18 grains	70 grains
Water to make	1 liter	32 ounces	1 gallon

Dilute 1 part stock solution with 2 parts water, and use at 68 F. For Monodex, Speedex and Convira normal developing time is 45 seconds. Other contact papers may require 1 to 1 1/2 minutes.

ANSCO 110 • DIRECT BROWN-BLACK PAPER DEVELOPER

Beautiful warm tones may be obtained with this developer on both contact and projection papers.

Stock Solution	Metric	Avoirdupois	
Hot Water (125 F or 52 C)	750 cc.	24 ounces	3 quarts
Hydroquinone	22.5 grams	3/4 ounce	3 ounces
Sodium Sulfite, anhydrous	57 grams	1 3/4 oz. 65 gr.	7 1/2 ounces
Sodium Carbonate, monohydrated	75 grams	2 1/2 ounces	10 ounces
Potassium Bromide	2.75 grams	40 grains	1/4 oz. 50 gr.
Water to make	1 liter	32 ounces	1 gallon

For use dilute 1 part stock solution with 5 parts water.

Give prints 3 to 4 times normal exposure and develop 5 to 7 minutes at 68 F (20 C).

ANSCO 113 • AMIDOL PAPER DEVELOPER

This formula must be mixed fresh each time, and it is recommended only for small lots of prints.

	Metric	Avoirdupois
Amidol	6.6 grams	96 grains
Sodium Sulfite, anhydrous	44 grams	1 1/2 ounces
Potassium Bromide	.55 gram	8 grains
Water to make	1 liter	32 ounces

Do not dilute for use. If hot water is used for dissolving chemicals, the sodium sulfite and potassium bromide should be dissolved first and the amidol added only after the solution has cooled.

For development of Cykora and similar papers use twice the amount of potassium bromide specified above.

Develop 1 to 2 minutes at 68 F (20 C).

ANSCO 115 • GLYCIN-HYDROQUINONE DEVELOPER

This is a warm-tone developer suitable for Cykon, Cykora, Indiatone, Brovira, and similar papers.

Stock Solution	Metric	Avoirdupois	
Hot Water (125 F or 52 C)	750 cc.	24 ounces	3 quarts
Sodium Sulfite, anhydrous	90 grams	3 ounces	12 ounces
Sodium Carbonate, monohydrated	150 grams	5 ounces	1 lb. 4 oz.
Glycin	30 grams	1 ounce	4 ounces
Hydroquinone	9.5 grams	1/4 oz. 30 gr.	1 1/4 oz. 5 gr.
Potassium Bromide	4 grams	59 grains	1/2 oz. 15 gr.
Water to make	1 liter	32 ounces	1 gallon

For warm tones, dilute 1 part stock solution with 3 parts water and develop prints 2 1/2 to 3 minutes at 68 F (20 C).

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