

BASF makes your color choice easy

Individual on-site tablet coloring

Immediate results

Reduced complexity

Complete in-house process

With Kollicoat® IR Coating Systems you create the tablet color you want in a few easy steps – all in the totally confidential setting of your own lab. Use our color fan or PrismaPro® Pharma software to choose the right color combination of Kollicoat® IR Coating Systems. Or you can take an existing tablet and find the exact same color using the X-Rite's ColorEye® XTH. It's simple, effective and totally confidential.



Color coating choices made simple:

- Create the color you want or match the color to an existing tablet
- Work on colors in the confidential setting of your own premises
- Experiment in a few easy steps and achieve your desired tablet color

Fast and accurate in-house color matching and color creation have never been easier.

Contact us to find out how Kathrin Meyer-Böhm and her colleagues can help you achieve your tablet coloring goals and add value to your products.

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Kollicoat® IR Coating Systems

Your film casting guide



Dr. Kathrin Meyer-Böhm,
an enabler in excipients

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The Chemical Company

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Custom Synthesis | Excipients | Active Ingredients

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Choose from a new world of color



Quick, easy and accurate color matching

Step 1



Choose your favorite color from BASF's color fan or the PrismaPro® Pharma software – co-developed by Fast&Fluid and BASF SE.

Step 2



Weigh the Kollicoat® IR Coating Systems granules in the proportions indicated to create a 25 % solids solution in water. Add the granules slowly to the beaker of water.

Step 3



Gently stir for 20 minutes to disperse and form a homogeneous suspension.

Step 4



Place the BASF film casting knife on a black & white card.

Please contact us if you need a film casting knife.

Step 5



Fill the film casting knife with the prepared suspension.

Step 6



Draw the film casting knife smoothly across the black & white card. Place the card with the wet film in the drying chamber at 50 °C for 1 hour, or simply dry at room temperature.

Step 7



After drying, visually compare the dried colored film on the black & white card with the desired color shade.

Step 8



Coat the tablets with the recipe you identified in your coating equipment.

“With this new process, it has never been easier to perfectly create or match tablet colors – being able to do that in complete confidentiality is a big plus as well.” ...

... says Dr. Kathrin Meyer-Böhm, Manager Global Marketing New Products. The extreme flexibility, simplicity and stability of Kollicoat® IR Coating Systems optimizes processes and creates accurate and consistent results.

Kollicoat® IR Coating Systems improve production efficiency by reducing complexity. Any color can be matched or created from just seven base colors, meaning less inventory has to be held. In addition, accurate color samples can be created almost instantaneously.

Alternative to Step 1



Choose a color-coated tablet you would like to color match.



Fix the tablet in the customized sample holder of X-Rite's ColorEye® XTH spectrophotometer.



Use the portable ColorEye® XTH to determine the color of your tablet according to L*a*b* values.



Enter these L*a*b* values in the PrismaPro® Pharma software – co-developed by Fast&Fluid and BASF. This provides the Kollicoat® IR Coating Systems recipe to match the color of the original tablet.

There's no need to coat tablets to get an accurate idea of how a colored tablet will look. All you need are the BASF's coating systems and the film casting knife. It's quick and easy to use at any time.

Alternative to Step 7



After drying, visually compare the dried colored film on the black & white card with the color-coated tablet.

Alternative to Step 8



If matching an originator tablet, simply compare your color matched tablet to the originator product after tablet coating.