

Pharma Ingredients & Services. Welcome to more opportunities.
Custom Synthesis | Excipients | Active Ingredients

Kollicoat® IR Coating Systems Create Your Own Colors.

Dr. Thorsten Schmeller
an enabler in excipients

 **BASF**
The Chemical Company

**Create your own colors:
independently, simply, and cost-effectively.**



“Starting now, everyone can create their own colors” ...

... says Dr. Thorsten Schmeller. He and his colleagues are excited about the new ready-to-use system for colored coatings that makes the production of tablet coatings faster and more flexible. Manufacturing becomes more cost-effective. You simplify and accelerate your supply chain. And you always achieve high-quality coating results.

**Kollicoat® IR Coating Systems
speed up production.**

Coating tablets just got easier and more robust. Kollicoat IR Coating Systems possess excellent flow properties and can be re-dispersed quickly and easily. The seven globally approved base colors can be combined to create

hundreds of shades. In addition, faster and more straightforward production makes for reduced energy costs and lower carbon emissions. Thanks to the combination of the monographed and proven BASF water-soluble film former Kollicoat IR, the new

manufacturing process, and an innovative color concept, coating is now more flexible and efficient than ever before.

Create a wide variety of shades from just seven base colors – anytime.

The seven base colors, comprising pigments registered around the world, can be used to create a large number of shades. This means you can manufacture unique, instantly recognizable tablets, even on short notice, while reducing inventories. Creating color samples is child’s play. Plus there is no need to disclose your proprietary color information. Your supply chain becomes streamlined, and you are no longer constrained by lead times – ensuring you are agile and responsive within a fast-moving market.

Achieve excellent results.

The polymers possess outstanding mechanical properties, creating a robust film with a distinct appearance. The highly elastic coating increases tablet stability and provides effective protection for the active ingredients.

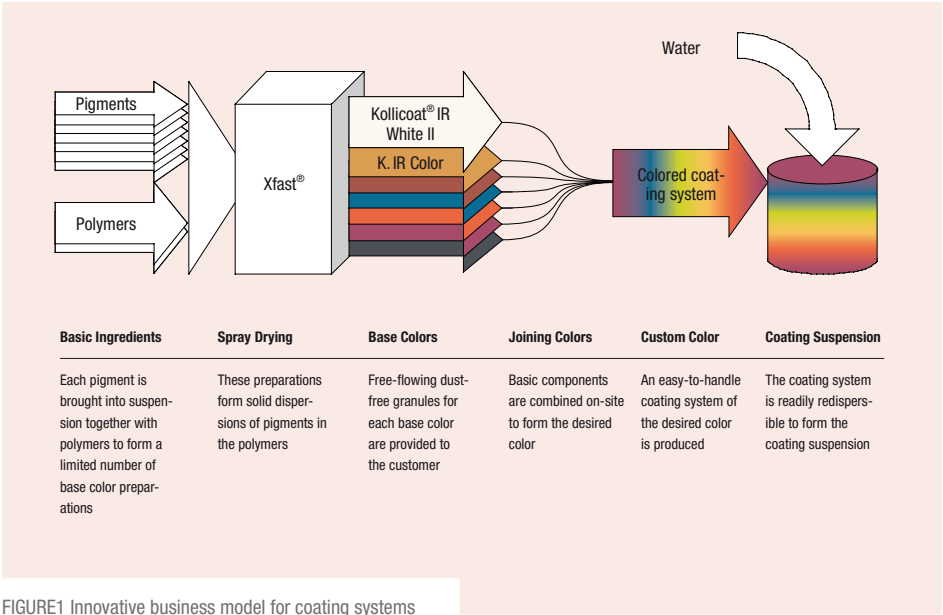


FIGURE1 Innovative business model for coating systems

Efficient production processes, consistently high quality.

In comparison to conventional coatings, Kollicoat IR Coating Systems are nearly dust-free. The pigments form a solid dispersion in the polymer matrix and can be re-dispersed using a low shear mixer within 20 minutes. Because of the coating suspension’s low viscosity, it is possible to prepare and spray coating suspensions with a high solids content up to 30%. Pigments disperse evenly and without lumping. The coating suspension is easy to spray, and evenly covers the tablet; the film is not tacky. And it can even be applied at temperatures below 25°C – making it ideal for coating products with thermo-sensitive active ingredients.

Clean, eco-friendly production.

Kollicoat IR Coating Systems make for a more efficient and environmentally-friendly manufacturing process – because by accelerating production, they help you reduce energy consumption and associated carbon emissions. Due to Kollicoat IR’s high elasticity, you do not need additional plasticizers. Furthermore, equipment can be cleaned quickly and easily using just warm or cold water.

Pharma Ingredients & Services. Welcome to more opportunities.

Custom Synthesis | Excipients | Active Ingredients

Asia/Pacific

BASF (China) Company Ltd.

Eric Liu

Phone: +86 21 3865 5433

eric.liu@basf.com

Europe

BASF SE

Nils Rottmann

Phone: +49 621 60 76536

nils.rottmann@basf.com

Global Business Unit

BASF SE

Kathrin Meyer-Böhm

Phone: +49 621 60 28809

kathrin.meyer-boehm@basf.com

North America

BASF Corporation

Philip Butler

Phone: +1 973 245 6378

philip.butler@basf.com

South America

BASF S.A.

Fabio Ikuno

Phone: +55 11 3043 2083

fabio-luis.ikuno@basf.com

- Easy color creation based on only seven colors
- Higher production efficiency and reduced complexity
- Fast re-dispersion and robust product handling
- Immediate availability of color samples

What Kollicoat® IR Coating Systems can do for you.

The new Kollicoat IR Coating Systems are robust and rapidly dispersible, and make for high-quality, instantly recognizable coatings in a wide range of shades. Even better, creating colored coatings on-site is quick and easy – and means you depend less on suppliers.

Contact us to find out what Dr. Thorsten Schmeller and his colleagues can do for you with the help of Kollicoat IR Coating Systems.



The Chemical Company

With access to over 8,900 research and development employees worldwide and its dedication to creating innovative excipients, BASF has been adding value to pharmaceutical products for many decades.

Every day, BASF technical experts and regulatory teams across the globe help pharma customers master formulation and compliance challenges, and to be more successful.