

Kollicoat® IR Coating Systems

Create your own colors.

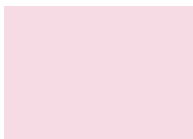
Color fan



The Chemical Company

Pharma Ingredients & Services. Welcome to more opportunities.

Custom Synthesis | **Excipients** | Active ingredients



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Pink
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Pink
223157187



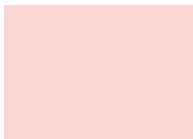
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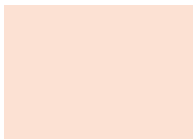
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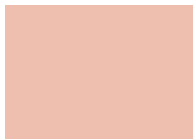
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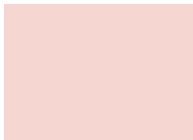
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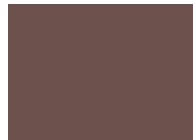
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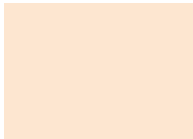
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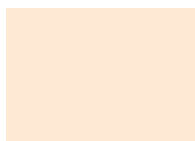
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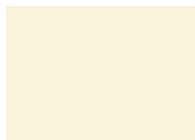
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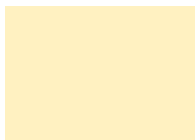
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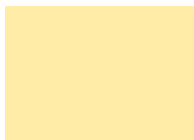
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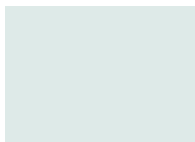
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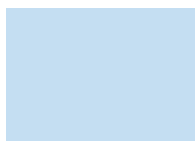
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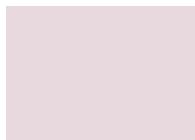
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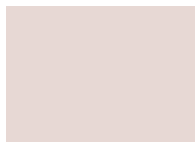
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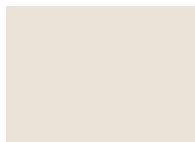
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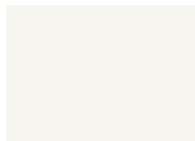
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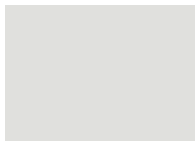
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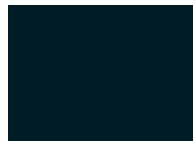
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Grey
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Grey
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Black
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Create your own colors.

Kollicoat® IR Coating Systems are ready-to-use colored coating materials based on Kollicoat IR (polyvinyl alcohol polyethylene glycol graft copolymer). This innovative product line consists of five individual colored components, completed by a black and a white material:

Kollicoat IR Brilliant Blue Kollicoat IR Carmine Kollicoat IR Sunset Yellow Kollicoat IR Red Kollicoat IR Yellow Kollicoat IR Black Kollicoat IR White II

These seven base colors can be combined to create hundreds of different shades. In addition, faster and more straightforward production processes enable energy costs and carbon emissions to be reduced.

Approved polymer in Kollicoat IR Coating Systems.

Kollicoat IR has been approved as a coating material for drug products in the US, the EU, in Japan and in several other countries all over the world.

Kollicoat IR monographs are published in Ph.Eur. entitled “Macrogol Poly(vinyl alcohol) Grafted Copolymer” and USP entitled “Ethylene Glycol and Vinyl Alcohol Graft Copolymer”.

DMF for Kollicoat IR Coating Systems.

A Type IV US Drug Master File “Kollicoat IR Coating Systems” has been filed with the FDA (DMF #23187).

Approved pigments in Kollicoat IR Coating Systems.

Pigment	Sunset Yellow	Carmine	Brilliant Blue	Titanium Dioxide	Iron Oxides
CAS-No	2783-94-0	1390-65-4	3844-45-9	13463-67-7; 1317-70-0	Yellow 51274-00-1, 20344-49-4; Red 1309-37-1; Black 1317-61-9, 12227-89-3
Pharmacopoeial monographs	–	JPE	–	Ph.Eur., USP, JP	USP (Ferric oxide), JPE
Limits					
Drug products (EU)	q.s.	q.s.	q.s.	q.s.	q.s.
Drug products (US)	q.s.	q.s.	q.s.	q.s.	≤5 mg/d ³
Drug products (Japan)	≤0.1 % [w/w] ¹	≤1.8 mg/d ²	≤1 % [w/w] ¹	≤384 mg/d ²	Red ≤95.4 mg/d ² Yellow ≤5.67 mg/d ² Black ≤1.539 mg/d ²

¹ Not more than 0.1 % by weight of color (lake or dye) can be used in a dosage form (MHLW's BIRYO limit on trace amounts).

² Limit acc. to the dictionary of Pharmaceutical Excipients (Japan).

³ May be safely used to color ingested or topically applied drug products. Generally subject to the restrictions that if the color additive is used in drug products ingested by man the amount consumed in accordance with labeled or prescribed dosages shall not exceed 5 milligrams, calculated as elemental iron per day (Code of Federal Regulations Title 21 Food and Drugs).

- 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.

Kollicoat IR Coating Systems are robust and rapidly dispersible and facilitate the creation of 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.

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