

GREEN AS WHITE CAN BE



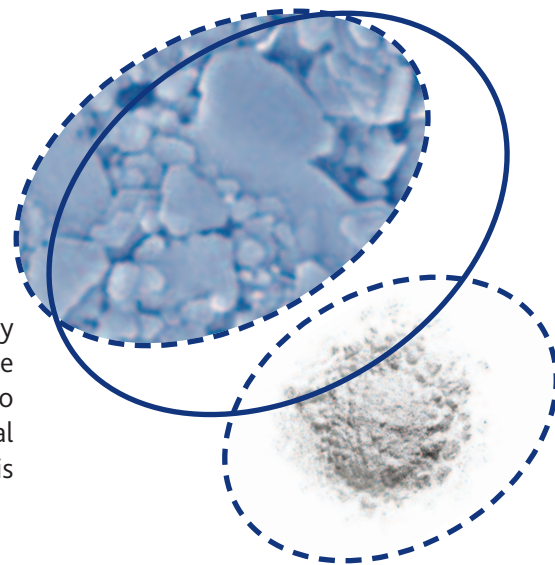
PLATINUM™

- Platinum kaolins are specially designed to be used in coatings for silicone release base papers
- Provide excellent coating coverage and low sheet porosity, thus improving silicone hold-out
- High natural purity and specialized processing minimize any compounds that can adversely affect silicone curing process that use platinum catalysts

www.imerys-kaolin.com

IMERYS KAOLIN IS THE GLOBAL LEADER IN HIGH QUALITY KAOLINS FOR PAPER

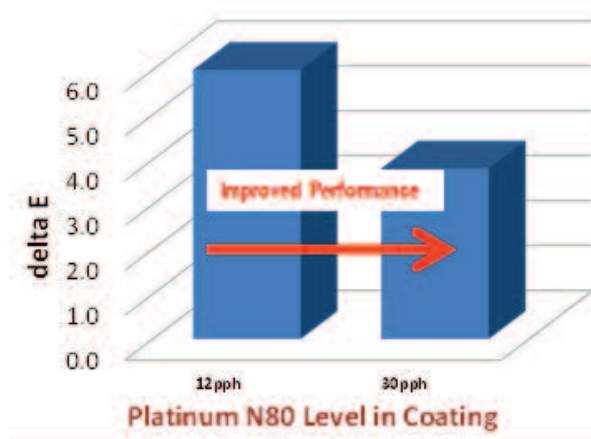
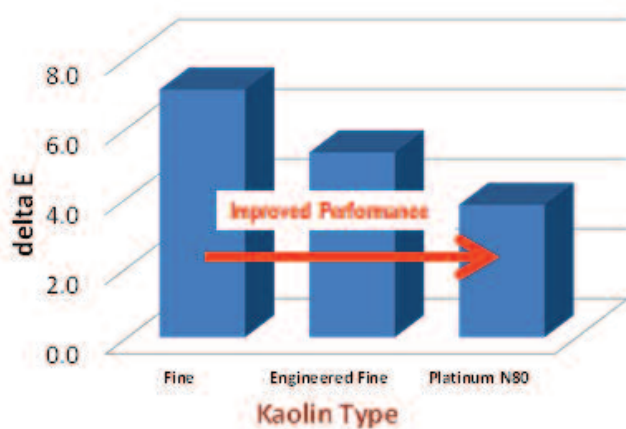
Imerys Kaolin has launched a new kaolin product line which balances purity, rheology and coverage depending on the silicone release base paper application. Silicone release base papers are generally used for self adhesive labels. Silicone is applied to the release base paper through a curing process using platinum catalyst. It is vital that the release base paper does not affect this process, and mineral purity is extremely important to avoid "poisoning" this process.



The Platinum kaolin product line consists of three products shown below.

- **Platinum S90** is a high brightness, fine, platy, engineered kaolin designed to give good coating coverage and low porosity.
- **Platinum N80** is a high brightness, fine, engineered kaolin designed to give high solids and good coating coverage in release liner applications.
- **Platinum R50** is a high brightness, coarse, platy kaolin designed to give good coating coverage combined with high transparency in lightly coated Glassine applications.

PILOT TRIAL RESULTS



- Pigmented size press coating, PVOH binder, 20-23% solids, coat wt. 1.2 gsm
- Silicone application 1.0 gsm
- Delta E is a dye surface test that measures hold out of the silicone coating. Higher number means more pinholes and surface defects
- Platinum N80 outperforms other standard clays at 30 pph kaolin level in coating
- Higher kaolin ratio in the coating (30 pph vs. 12 pph) enables higher solids, which also improves silicone hold-out

For further information about our Platinum™ kaolin product line, please contact your Imerys sales representative who will be able to assist you.

MORE INFORMATION

Imerys Kaolin

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