

PAINT | INK | COATINGS

# OpTiMax 0425

## APPLICATIONS

- Use in water based mid to high PVC architectural coatings

# KAOLIN



IMERYS  
Kaolin

OpTiMax®0425 is an engineered alumina silicate designed to optimize the balance of optical and mechanical properties in mid to high PVC architectural coatings.

#### OpTiMax® 0425 FEATURES

- Engineered particle size
- High whiteness
- Good burnish resistance

#### OpTiMax® 0425 BENEFITS

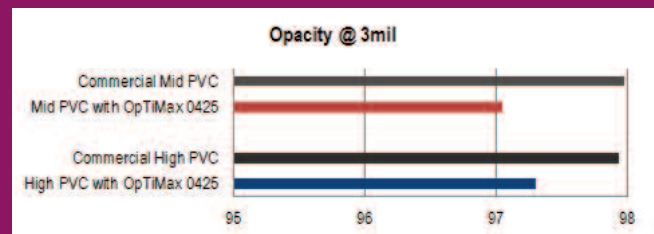
- Maximize dry hiding with good mechanical performance compared to traditional functional extenders

#### OpTiMax® 0425 FORMULATION GUIDE

- Use as primary functional extender in architectural coatings >60% PVC
- Use in combination with existing portfolio of extenders, e.g. hydrous kaolin, calcined kaolin, talc, calcium carbonate, etc
- Start with zero TiO<sub>2</sub> & balance mechanical performance with PVC adjustments

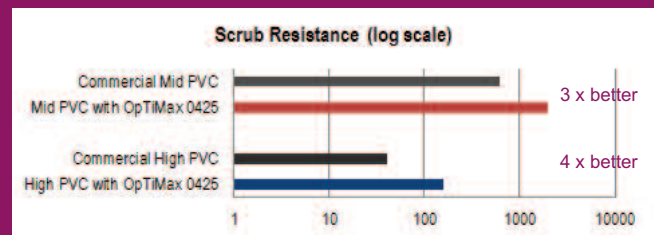
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Note:

- (1) Dry opacity >96 typically requires 2 coats to achieve full opacity
- (2) The commercial mid PVC formulation contains 3-7wt% TiO<sub>2</sub> (per commercial MSDS)
- (3) The commercial high PVC formulation contains <5wt% TiO<sub>2</sub> (per commercial MSDS)
- (4) Both the mid & high PVC formations containing OpTiMax 0425 contain no TiO<sub>2</sub>



#### IMERY'S KAOLIN

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