

YGDRABOND – YD 681

Chemical Composition

Waterbased solution of a carboxylated acrylic resin

Product general description

Universal dispersing resin for the preparation of water based pigment concentrates for industrial applications

Product Properties

YGDRABOND – YD 681 provides excellent pigment wetting and stabilizing performance to difficult pigments and is widely compatible with the resins most commonly used in water-based industrial coatings.

Due to the acidic character YGDRABOND – YD 681 has to be combined with wetting and dispersing agents having free acidic groups and not with aminic groups, in order to avoid side reactions.

Pigment concentrates containing YGDRABOND – YD 681 have below special properties:

- High pigment loading with low viscosity
- Excellent pigment stabilization
- Outstanding shock and storage stability
- Excellent water resistance after drying

Product specification

Active ingredients	29 - 31%
Acid Value	40 – 50 mgKOH/g
PH	8,5 – 9,5

Addition and dosage

For Pigment concentrate:

Inorganic pigments	: 5 times the amount of solid dispersant
Organic pigment	: 5 times the amount of solid dispersant

Incorporation

YGDRABOND – YD 681 is recommended to add in before milling.

Storage

YGDRABOND – YD 681 should be stored in a cool dry place. When kept in an original unopened container, it will keep up to 1 years from the date of manufacture. The expiry date is indicated on the container.

Packaging

25 kg and 120 kg non-returnable plastic containers