

Technical Data Sheet

Last revised: **01-2019**

DELTA-DC® 3010

DELTA-DC® 3010 is a polymeric dispersant for stabilizing inorganic pigments and matting agents; carbon blacks and many organic pigments in all kinds of solvent-based paints from high performance industrial coatings to normal decorative paints.

Specifications:

Composition	: Modified polyurethane
Solvent(s)	: Butylacetate/methoxypropylacetate/alkylbenzene
Specific gravity @ 20°C	: ca. 0.98 g/cm ³
Flashpoint	: 24 °C
Amine value	: 6-16 mg KOH/g
Acid value	: 8-18 mg KOH/g
Color	: Max.6
Active ingredients	: 52%

Methods of analysis can be received upon request

Applications and usage:

Coatings

DELTA-DC® 3010 is a polymeric dispersant principally developed for stabilizing inorganic pigments and matting agents; and carbon blacks. It also has an excellent performance in many organic pigments. This results in:

- Reduced grinding time
- Improved gloss
- Prevention of flooding and floating problems
- Higher color strength

Due to its particularly good combination of price and performance, **DELTA-DC® 3010** is a very attractive substitute for conventional wetting and dispersing agents.

DELTA-DC® 3010 is particularly suited for the preparation of matting agent pastes. It provides better orientation of the matting agent, constant gloss level after storage and soft feel matting appearance.

DELTA-DC® 3010 can be used to stabilize organic pigments. It can also be used to manufacture universal solvent-based pigment concentrates.

DELTA-DC® 3010 should be incorporated in the mill-base before adding the pigments.

Titanium dioxide	: <u>2-4% upon pigment weight (as supplied)</u>
Inorganic pigments	: <u>5-10% upon pigment weight (as supplied)</u>
Organic pigments	: <u>20-40% upon pigment weight (as supplied)</u>
Carbon black	: <u>30-60% upon pigment weight (as supplied)</u>



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Safety and Handling:

DELTA-DC® 3010 should be handled in accordance with good industrial practice. Detailed information can be found in the Safety Data Sheet.

Storage:

DELTA-DC® 3010 should be stored in a cool dry place. When kept in an original unopened container, it will keep up to 5 years from the date of manufacture. The production date is indicated on the container.

Packaging:

50 kg and 190 kg non-returnable metallic containers..
