

# Pigment Dispersions for Epoxy Systems

Color Solutions

## Plasticolors® EDC ND Colorants

### General Information

EDC ND pigment dispersions for epoxy applications consist of organic and inorganic pigments milled in a 100% solids epoxy.

### Application

These colorants contain an additive package that provides excellent color control and handling. The resins are compatible with a wide range of solvent borne and two component epoxy systems.

The resin has an Epoxide Equivalent Weight (EEW) of 185 to 192. Benefits include excellent color control and lower viscosity. Primary applications include: epoxy composites and high performance protective coatings. A list of standard EDC ND masstones is included on the reverse of this page. Along with these standard colors, Vibrantz Technologies offers custom color matched blends.

### Packaging and storage

The EDC ND dispersions for epoxy systems are available in a variety of packaging. Please contact Vibrantz Technologies for more information.



Containers should be tightly sealed when not in use. This will prevent the absorption of atmospheric moisture and minimize the chance of airborne contamination. Containers should be stored in a manner as to protect them from temperature extremes (0-45°C). Material should be mixed prior to use if stored over 30 days. The Best Before Use Date is 12 months (unopened containers) from the date of manufacture.

## **Our services**

Vibrantz Technologies Europe supplies pigment pastes and chemical dispersions in Europe, North Africa and the Middle East. Manufacturing and technical support is provided from our Maastricht site in the Netherlands.

Our technical professionals are available to support you with your inhibitor, thickening and color requirements.

Our dedicated sales managers are your point of contact for any queries you have. Apart from direct contact with our sales managers, we have set up a broad network of distribution partners to enhance local support. A large palette of standard colors, custom color matched blends and toll manufacturing can be offered.

Contact us to learn more about our chemical dispersions and pigment pastes for your application. Information on the product portfolio in other regions can be provided on request.

Product Code	Description	CI Name	Chemistry	Pigment content Wt%	Carrier content Wt%	Average density Kg/ m3
EDC-10349	White ND	White 6	Titanium Dioxide	45	55	1710
EDC-20916	Black ND	Black 7	Carbon Black	21	79	1240
EDC-30378	LV Blue ND	Blue 15:2	Phthalocyanine	18	82	1170
EDC-50170	Green ND	Green 7	Phthalocyanine	25	75	1295
EDC-80448	Yellow Oxide ND	Yellow 42	Iron Oxide	40	60	1600
EDC-80482	Bismuth Yellow GS ND	Yellow 184	Bismuth Vanadate	54	46	1526
EDC-60211	Orange ND	Orange 34	Diarylide	15	85	1181
EDC-70536	Red Oxide ND	Red 101	Iron oxide	54	46	1950
EDC-70544	Red ND	Violet 19	Quinacridone	16	84	1200
EDC-70650	Organic Red ND	Red 170	Naphtol AS	20	80	1175
EDC-80898	Azo Yellow ND	Yellow 151	Azo	22	78	1027

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