

# 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.

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	Pigment content Wt%	Carrier content Wt%	Average density Kg/ m3
EDC-10349	White	PW 6	45	55	1641
EDC-20916	Black	PBk 7	21	79	1156
EDC-30378	Blue	PB 15:2	18	82	1209
EDC-50170	Green	PG 7	25	75	1062
EDC-80448	Yellow Oxide	PY 42	40	60	1607
EDC-80482	Bismuth Yellow	PY 184	54	46	1526
EDC-60211	Orange	PO 34	15	85	1131
EDC-70536	Red Oxide	PR 101	54	46	1856
EDC-070102	Red	PV 19	20	80	1170
EDC-70650	Organic Red	PR 170	20	80	1105
EDC-80898	Yellow	PY 151	22	78	1105

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