

EDC ND Pigment Dispersions for Epoxy Systems



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

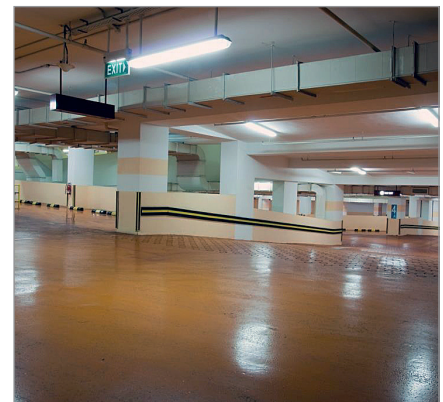
A list of standard EDC ND masstones is included on the reverse of this page. Along with these standard colors, Chromaflo Technologies offers custom color matched blends.

Packaging

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

Storage

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 24 months (unopened containers) from the date of manufacture.



EDC ND Series Technical Data

Product code	Description	CI Name	Chemistry	Pigment Content Wt %	Carrier Content Wt %	Average Density kg/m ³	Pigment Light Fastness	
							Masstone	Tint
EDC-10349	White ND	White 6	Titanium Dioxide	45.5	54.5	1710	E	E
EDC-20916	Black ND	Black 7	Carbon Black	21.3	78.7	1240	E	E
EDC-20948	LV Black ND	Black 7	Carbon Black	14.2	85.8	1210	E	E
EDC-02397	Lampblack ND	Black7	Carbon Black	20.6	79.4	1240	E	E
EDC-30378	LV Blue ND	Blue 15:2	Phthalocyanine	18.0	82.0	1170	E	E
EDC-50170	Green ND	Green 7	Phthalocyanine	25.0	75.0	1295	E	E
EDC-80448	Yellow Oxide ND	Yellow 42	Iron Oxide	40.0	60.0	1600	E	E
EDC-80482	Bismuth Yellow GS ND	Yellow 184	Bismuth Vanadate	53.8	46.2	2060	E	E
EDC-60166	Orange ND	Orange 34	Disazopyrazolone	20.5	79.5	1185	G	F
EDC-40068	Raw Umber ND	Brown 7	Mixed Metal Oxide	38.0	62.0	1525	E	E
EDC-40069	Burnt Umber ND	Brown 7	Mixed Metal Oxides	35.0	65.0	1505	E	E
EDC-70536	Red Oxide ND	Red 101	Iron Oxide	54.0	46.0	1950	E	E
EDC-70544	Red ND	Violet 19	Quinacridone	16.5	83.5	1200	E	E
EDC-70561	LV Quindo Red ND	Violet 19	Quinacridone	11.0	89.0	1180	E	E
EDC-70650	Red 170 ND	Red 170	Naphthol AS	20.0	80.0	1175	E	E

The performance data shown in this table are taken from the pigment suppliers' literature:
E=Excellent, G=Good, F=Fair, S=Slight, C=Considerable, P=Poor, N=None



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