

Pigment Dispersions for Polyurethanes

Color Solutions

Plasticolors® DL Colorants

General Information

Plasticolors DL pigment dispersions for polyurethane applications consist of organic and inorganic colorants dispersed in a 4800 Mw Triol with a hydroxyl number of 35. This carrier has been chosen for excellent compatibility with a wide range of urethane systems.

Properties

At Vibrantz Technologies, special consideration is given to pigment types in the custom color matching process. Pigments may be selected according to a variety of criteria, including weathering, UV stability, non-heavy metals, low abrasion and cost considerations. For optimal UV stability, additives can be formulated directly into these products. A list of standard DL masstones is included on the reverse of this page. Along with these standard colors, Vibrantz Technologies offers custom color matched blends.

DL polyurethane dispersion product detail is available on the reverse side of this sheet. Additional information includes product code, color description, pigment chemistry, pigment and carrier content by weight and density in kg/ m³. Please contact Vibrantz Technologies for more information.



Packaging and storage

The DL pigment dispersions 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 24 months 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
DL-10106	White	White 6	Titanium Dioxide	65,0	35,0	1930
DL-02551	Black HS	Black 7	Carbon Black	29,7	70,3	1175
DL-02553	Black	Black 7	Carbon Black	20,8	79,2	1125
DL-30164	Phthalo Black	Blue 15:2	Phthalocyanine	22,0	78,0	1100
DL-30669	Phthalo Blue	Blue 15:3	Phthalocyanine	17,0	83,0	1021
DL-50056	Phthalo Green	Green 7	Phthalocyanine	25,0	75,0	1175
DL-070072	Magenta	Red 122	Quinacridone	16,0	84,0	1064
DL-70239	Red Oxide	Red 101	Iron Oxide	60,0	40,0	1940
DL-70840	Organic Red	Red 170	Naphtol	25,0	75,0	1050
DL-80166	Organic Yellow	Yellow 110	Isoindolinone	22,0	78,0	1125
DL-80167	Yellow Oxide	Yellow 42	Iron Oxide	43,5	56,5	1510
DL-80815	Organic Yellow	Yellow 14	Diarylide	12,0	88,0	1000

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