

Pigment Dispersions for Plasticizer Containing Systems

Color Solutions

Plasticolors® DNP Colorants

General Information

Plasticolors DNP pigment dispersions for plasticizercontaining systems consist of organic and inorganic pigments suspended in a Diisononyl Phthalate plasticizer (DINP).

Application

Vibrantz Technologies' DNP pigment dispersions have been specifically developed for soft PVC, caulk/sealant, polymer and elastomer applications.

Properties

A list of standard DNP dispersions is included on the reverse of this page. On request other pigment dispersions can be added to the system to support individual needs. Along with these standard colors, Vibrantz Technologies offers custom color matched blends. Custom color matching is available with special consideration for pigment selection. Pigments can be selected for a variety of requirements, including weathering, UV stability, non-heavy metals, low abrasion and cost considerations. If you require a pigment chemistry that is not included please contact us for other options available.

Packaging and storage

The DNP 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. 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
DNP-10773	White	White 6	Titanium Dioxide	57	43	2030
DNP-02851	Black	Black 7	Carbon Black	32	68	1150
DNP-30665	Phthalo Blue	Blue 15:3	Phthalocyanine	26	74	1080
DNP-30737	Violet	Violet 23	Dioxazine	17	83	1031
DNP-50332	Phthalo Green	Green 7	Phthalocyanine	25	75	1100
DNP-70978	Red Oxide	Red 101	Iron Oxide	62	38	1950
DNP-70979	Organic Red	Red 254	DPP	35	65	1120
DNP-80845	Yellow Oxide	Yellow 42	Iron Oxide	54	46	1550
DNP-80846	Organic Yellow	Yellow 110	Isoindolinone	37	63	1170
DNP-80847	Organic Yellow	Yellow 154	Benzimidazolone	45	55	1170

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