

Pigment Dispersions for Plasticizer Containing Systems

Color Solutions

Plasticolors® DTP Colorants

General Information

Plasticolors DTP pigment dispersions for plasticizer containing systems consist of organic and inorganic pigments suspended in DOTP, a non-phthalate plasticizer.

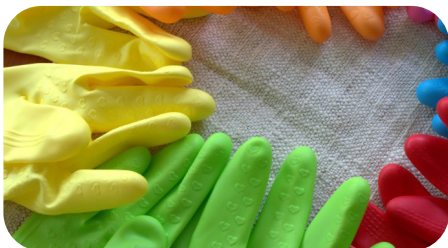
Application

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

Properties

A list of standard DTP masstones is included on the reverse of this page. 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, food contact, 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.

The DTP pigment dispersions are suitable for volumetric and gravimetric machine dosing. Most of the DTP pigment dispersions are, in principle, suitable for food contact applications (this always needs to be tested in the end application).



DTP product detail is available on the reverse side of this sheet. Additional information includes color description, pigment chemistry, pigment and carrier content by weight and density in kg/m³.

Packaging and storage

Vibrantz Technologies dispersions 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 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.

Standard colorant selection*

Product Code	Description	CI Name	Pigment content Wt%	Carrier content Wt%	Average density Kg/m ³
DTP-10754	White	PW 6	59	41	2010
DTP-02786	Black	PBk 7	32	68	1150
DTP-30644	Phthalo Blue	PB 15:3	23	77	1070
DTP-30654	Violet	PV 23	17	83	1030
DTP-50290	Phthalo Green	PG 7	24	76	1110
DTP-70941	Red Oxide	PR 101	61	39	1940
DTP-70942	Magenta	PR 122	17	83	1030
DTP-70943	Organic Red	PR 254	32	68	1120
DTP-80807	Yellow Oxide	PY 42	54	46	1590
DTP-80808	Organic Yellow	PY 154	43	57	1170

Additional colorants**

DTP-02918R	NIR Black	PBk 29	70	30	2300
DTP-30709	UM Blue	PB 29	60	40	1499
DTP-50322	Fluorescent Green	Green	50	50	1162
DTP-60293	Fluorescent Orange Red	Orange red	50	50	1164
DTP-60294	Fluorescent Orange	Orange	50	50	1160
DTP-60298	Organic Orange	PO 73	25	75	1028
DTP-070052	Fluorescent Pink	Pink	50	50	1156
DTP-80912	Fluorescent Yellow	Yellow	50	50	1157
DTP-80927	Organic Yellow	PY 93	19	81	1020
DTP-40149	Brown	PBr 24	58	42	2060

(*) Standard colorant selection for gravimetric and volumetric dosing. Color formulas and database available on request.

(**) Additional colorants for expanding color space.

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