

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.

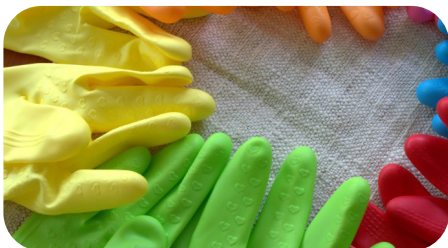
Application

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. 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.

Standard colorant selection*

Product Code	Description	CI Name	Chemistry	Pigment content Wt%	Carrier content Wt%	Average density Kg/ m3
DTP-10754	White	White 6	Titanium Dioxide	59	41	2010
DTP-02786	Black	Black 7	Carbon Black	32	68	1150
DTP-30644	Phthalo Blue	Blue 15:3	Phthalocyanine	23	77	1070
DTP-30654	Violet	Violet 23	Dioxazine	17	83	1030
DTP-50290	Phthalo Green	Green 7	Phthalocyanine	24	76	1110
DTP-70941	Red Oxide	Red 101	Iron Oxide	61	39	1940
DTP-70942	Magenta	Red 122	Quinacridone	17	83	1030
DTP-70943	Organic Red	Red 254	DPP	32	68	1120
DTP-80807	Yellow Oxide	Yellow 42	Iron Oxide	54	46	1590
DTP-80808	Organic Yellow	Yellow 154	Benzimidazolone	43	57	1170

Additional colorants**

DTP-02918R	NIR Black	Brown 29	Iron/Chromium Oxide	70	30	2300
DTP-30709	UM Blue	Blue 29	Ultramarine	60	40	1499
DTP-50322	Fluorescent Green	Green	Proprietary	50	50	1162
DTP-60293	Fluorescent Orange Red	Orange red	Proprietary	50	50	1164
DTP-60294	Fluorescent Orange	Orange	Proprietary	50	50	1160
DTP-60298	Organic Orange	Orange 73	DPP	25	75	1028
DTP-070052	Fluorescent Pink	Pink	Proprietary	50	50	1156
DTP-80912	Fluorescent Yellow	Yellow	Proprietary	50	50	1157
DTP-80927	Organic Yellow	Yellow 93	Disazo	19	81	1020

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

(**) Additional colorants for expanding color space.

The information and recommendations contained herein are based on data we believe to be reliable and does not imply any warranty or performance guarantee, as conditions and methods of use of our products are beyond our control. The data herein is determined using Vibrantz's standard test methods. Hazard and safety information with respect to this product is available in the applicable SDS. Vibrantz will not be liable under any circumstance for consequential or incidental damages, including but not limited to, lost profits resulting from the use of our products