

Pigment Dispersions for Polyesters

CF pigment dispersions for thermoset polyester applications contain organic and inorganic pigments dispersed in a monomer free, unsaturated polyester carrier resin.

Application

These dispersions demonstrate excellent compatibility with a variety of polyester and vinyl ester molding systems. CF dispersions are formulated to provide low viscosity while maintaining high pigment concentrations. The dispersions are suitable for pumping and metering in automated systems. Benefits include excellent color control as well as easy handling and faster blending.

Properties

A list of standard CF masstones is included on the reverse of this page. Along with these standard colors, Chromaflo 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. CF Series 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

Chromaflo Technologies' dispersions for polyester 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 from the date of manufacture.

Our Services

Chromaflo 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.



PLASTICOLORS® CF TECHNICAL DATA

Product code	Description	CI Name	Chemistry	Pigment content Wt%	Carrier content Wt%	Average density Kg/m ³
CF-1099	White	White 6	Titanium Dioxide (Rutile)	65	35	2042
CF-10806	White	White 6	Titanium Dioxide (Anatase)	73	27	2174
CF-10805	White	White 5	Lithopone	80	20	2569
CF-1027A	White	White 7	Zinc Sulfide	65	35	1990
CF-2010M	Black	Black 7	Carbon Black	14	86	1160
CF-20737	Jet Black	Black 7	Carbon Black	34	64	1211
CF-02186	Black	Black 11	Iron Oxide	55	45	2050
CF-02894R	NIR Black	Brown 29	Iron/Chromium Oxide	70	30	2381
CF-02895R	NIR Black	Black 32	Perylene	20	80	1075
CF-03023E	Phthalo Blue RS	Blue 15:2	Phthalocyanine	21	79	1160
CF-3062 (*)	UM Blue	Blue 29	Ultramarine	50	50	1475
CF-30097	Phthalo Blue GS	Blue 15:4	Phthalocyanine	18	82	1175
CF-05039	Phthalo Green BS	Green 7	Phthalocyanine	22	78	1220
CF-06038	Organic Orange	Orange 34	Diarylide Pyrazolone	20	80	1140
CF-60249A	Organic Orange	Orange 36	Benzimidazolone	23	77	1115
CF-7022	Red Oxide	Red 101	Iron Oxide	64	36	2375
CF-70214	Violet	Violet 19	Quinacridone	15	85	1140
CF-70186	Organic Red	Red 170	Naphthol	20	80	1125
CF-70369	2B Red	Red 48:2	2B Red	27	73	1160
CF-8006	Yellow Oxide	Yellow 42	Iron Oxide	60	40	1940
CF-8007	Organic Yellow	Yellow 14	Diarylide	16	84	1140
CF-80139	Azo Yellow	Yellow 151	Azo	25	75	1160
CF-80901	Bismuth Yellow GS	Yellow 184	Bismuth Vanadate	50	50	1790

(*) The Best Before Use Date of this product is 6 months.

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