

UPL Pigment Dispersions for Thermoset Urethane Pultrusion



UPL pigment dispersions consist of finely ground organic and inorganic pigments dispersed in a **proprietary polyether polyol**. The polyol is chosen for its optimal compatibility with urethane pultrusion chemistry and pigments are chosen based on criteria such as good weathering, UV stability, low abrasion and cost.

A list of standard UPL masstones is included on the reverse of this page. Along with these standard colors, Chromaflo Technologies offers custom color matched blends.

UPL Series product detail is available on the reverse side of this page. Additional information includes product code, color description, pigment chemistry, pigment and carrier content by weight and density in kg/m^3 . Please contact Chromaflo Technologies for more information.

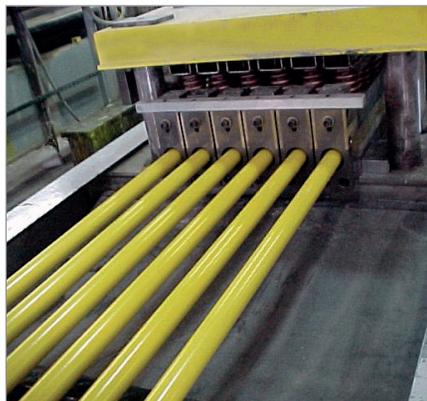
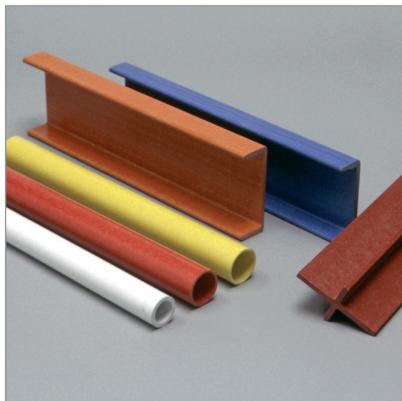
Packaging

The UPL pigment dispersions 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 12 months from the date of manufacture.



UPL Series Technical Data

Product Code	Description	C.I. Name	Chemistry	Pigment Content Wt %	Carrier Content Wt %	Average Density kg/m ³
UPL-10683	White	White 6	Titanium Dioxide	50.0	50.0	1580
UPL-10478	White	White 7	Zinc Sulfide	50.0	50.0	1605
UPL-02437	Black	Black 7	Carbon Black	15.0	85.0	1080
UPL-02650	Black	Black 7	Carbon Black	15.0	85.0	1080
UPL-02685	Black	Black 11	Iron Oxide Black	40.0	60.0	1485
UPL-30470	Blue	Blue 15:2	Phthalocyanine	25.0	75.0	1115
UPL-50256	Green	Green 7	Phthalocyanine	25.0	75.0	1160
UPL-70699	Red	Red 101	Iron Oxide	60.0	40.0	1930
UPL-80700	Yellow	Yellow 151	Benzimidazolone	25.0	75.0	1090

Please note:

The UPL-02437 contains a low structure general purpose black (suitable for tinting and blends). The UPL-02650 contains a high surface area black (suitable when parts need to be black).



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