Quaker Color

Bio-Renewable Black

Bio-renewable black dispersed in various technologies. It can replace carbon black in many different industrial type waterborne, solventborne and high-solids applications.

- **Bio-renewable black pigment dispersions**
- **Predispersed for ease of use**
- **Can replace carbon black in many applications**

Sustainability

Quaker Color takes environmental responsibility seriously, choosing action and investment over mere words. Our 215,000 square foot facility is powered by 100% renewable energy thanks to a full array of solar panels on the roof.

Our CHP (Combined Heat & Power) system supplies us with the process steam we need for our production and generates electricity as a by-product that gets sold back to the local community.

Quaker Color also has invested in upgrading systems for reducing water consumption, wash solvent distillation, and facility-wide LED lighting.

Bio-renewable black is just another example how Quaker Color strives to be a good steward of the environment.

Appearance

Bio-renewable black has a warm undertone. It appears black by itself but is not as jet-black as a typical automotive grade black. It has a lower color strength when mixed with other pigments compared to a traditional carbon black.

Technology

Bio-renewable black pigment is sustainably sourced from wood waste. Tree species and processing determine the weatherability of the pigment.

Quaker Color is happy to develop custom colors or resin systems. Please contact your local representative concerning minimum quantities and turn-around times.

QUAKER COLOR™ Bio-Renewable Black

Code	Description	Light Fastness					Chemical Fastness								Composition by Weight [%]			VOC
		WPG [LB./Gal.]	Density [g/ml]	Masstone	Tint	Temperature Resistance [°C]	Acid	Alkaline	Butanol	Butyl Glycol	Butyl Acetate	MEK	Mineral Spirits	Xylene	Pigment Solids	Vehicle Solids	Volatiles	[g/l]
EFW-BK-1090	Industrial Waterborne-Resin Free	10.85	1.3	8	8	200	5	5	5	5	5	5	5	5	45.0	8.4	46.6	30.5
30-BKEF-1085	100% Liquid Epoxy	9.8	1.17	8	8	200	5	5	5	5	5	5	5	5	20.0	80.0	0.0	0.0
SRF-BKEF-7402	Solventborne, Resin-Free	1.07	8.97	8	8	200	5	5	5	5	5	5	5	5	20.0	20.0	60.0	644.6
SRF-BKEF-2881	Raw Linseed Oil Based	1.19	9.94	8	8	200	5	5	5	5	5	5	5	5	40.0	60.0	0.0	0.0
USC-BKEF-1081	Universal Solventborne	1.16	9.67	8	8	200	5	5	5	4	5	5	5	5	25.0	38.0	37.0	428.7
QD-BKEF-7404	Easily Dispersable Chip	1.44	12.02	8	8	200	5	5	5	5	5	5	5	5	55.0	45.0	0.0	0.0

Lightfastness is on a scale from 1-8 with 1 being worst and 8 being best
Chemical fastness is on a scale from 1-5 with 1 worst and 5 best

* VOC is based on calculations. Traces of VOC might be present in “Zero”- VOC dispersions

EFW-BK-1090

Bio-renewable black dispersion in a waterborne, resin-free, industrial dispersion, suitable for all types of waterborne applications, from wall paints to caulks and industrial maintenance coatings.

30-BKEF-1085

Bio-renewable black dispersion in a 100% solid, liquid epoxy resin ideal for use in epoxy systems like floor coatings.

SRF-BKEF-7402

Solventborne, resin free, bio-renewable black dispersion for use in industrial maintenance coatings. Compatible with epoxies, urethanes, acrylics and other solventborne coatings.

SRF-BKEF-2881

Raw linseed oil based bio-renewable black dispersion for use in applications where sustainability and carbon footprint is of the utmost importance.

USC-BKEF-1081

Universal solventborne bio-renewable black dispersion based on an aldehyde-ketone resin. It is compatible with most solventborne resins, especially with urethanes.

QD-BKEF-7404

Bio renewable black based, easy dispersible “chip” dispersion. The chip needs to be dispersed in a solvent of choice before it can be used in a coating. The resin used in the chip is an aldehyde ketone, which has excellent compatibility with multiple coatings resins like urethanes, epoxies, alkyds and acrylics.

Quaker Color manufactures all its products under carefully controlled conditions to meet rigid specifications. The values given in this publication are typical values intended as guidelines for the use of the products, they are not specifications. It is the user’s responsibility to thoroughly test the product in their particular application to determine its performance, efficacy and safety. sShould you require the actual specifications currently enforced on specific products contact your Quaker Color representative for the appropriate information.

For more information on our products and services please contact
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quakercolor.com