

Pigment Dispersions for Urethanes

Color Solutions

Black Dispersions for Urethanes

General Information

At Chromaflo Technologies, we understand that all black pigment dispersions are not equal. Most urethane black pigment dispersions contain carbon black. The physical properties of carbon black can differ among various grades and have an impact on pigment dispersions performance.

CB Property	Influences	Product	Resin	Mw	OH#	Pigment wt. %
Particle Size	Jetness	DL-02551	Polyether Triol	4800	35	30
	Resin Demand	DL-02553	Polyether Triol	4800	35	21
	Viscosity	DB-02905	Polyether Triol	1000	156	36
	Dispersibility	DC-02948	Polyether Diol	425	260	19
Porosity	Resin Demand	UPL-02437	Proprietary Polyether Polyol	-	-	15
	Viscosity	UPL-02650	Proprietary Polyether Polyol	-	-	20
Structure	Jetness	DTP-02786	DOTP	na	na	32
	Resin Demand	DNP-02851	DINP	na	na	32
	Viscosity	DH-02539	DINCH	na	na	37
	Dispersibility					
Surface	Resin Demand					
Chemistry	Viscosity					

Application

For this reason, Chromaflo offers a large array of black pigment dispersions for urethanes to meet application requirements, from the most simple to the most complex. Our products exhibit a broad range of jetness and strength. While some of our standard products are listed here, we continually develop additional products as new customer needs arise.

Our services

Chromaflo Technologies offers a full range of services to our customers. As experts in color development and chemical dispersion science, we offer services that customize products to fit your unique requirements. Differentiation is key, whether in color space, product performance or cost. We want to help you deliver your value proposition to your urethane customer. We will work closely with you to learn about your specific requirements and offer solutions that not only meet your technical needs, but are also backed with the assurance that the finished product will meet your expectations for quality and value.



MORE than just Black

Not all urethane products are black. Many applications require the use of vibrant color to make the product stand out. Our colorants consist of organic and inorganic pigments, finely dispersed and stabilized in resin. Chromaflo provides a full pallet of urethane colors in a broad range of resin carriers for use in foam, RIM, cast, adhesives/sealants, pultrusion, vinyl, and elastomer applications.



Product Series	PIGMENT DISPERSIONS			APPLICATION PROCESS					
	Resin Carrier	Cast/Solid Surface	Pultrusion/ Filament Winding	RIM	Adhesives/ Sealants/ Elastomers	Soft Foam	Semi-Flexi- ble Foam	Rigid Foam	Flooring
DL	Polyether Triol	•		•	•	•	•	•	
DB	Polyether Triol			•	•	•			
DC	Polyether Diol			•	•			•	•
UPL	Proprietary Polyether Polyol		•						
DTP*	DOTP			•	•	•			•
DNP	DINP			•	•	•			•
DH	DINCH			•	•	•			•

*Food contact compliant

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