Pigment Dispersions for Urethane Applications

Products for Coatings and Composites

Chroma-Tek® COLORANTS & ADDITIVES

DESCRIPTION

The Chroma-Tek® CTU line of pigment dispersions are dispersed in a 100% solids polyol formulation. The polyol formulation is a 6,000 molecular weight, polyether polyol with a Hydroxyl Number between 26-30. This product is compatible with a wide range of urethane applications including solvent borne and two component systems.

Typical applications include:

- Flexible, rigid, semi-rigid foams
- Shoe soles
- Cast and injection molded products.

AOC has a full range of polyol based inorganic and organic colors to choose from. Custom colors can be created by our team of experienced pigment R&D personnel.

QUALITY CONTROL

The quality of Chroma-Tek® dispersions is controlled through the most sophisticated computerized color analyzing equipment available. Spectrophotometry minimizes metamerism, speeds color matching, ensures that specifications are met, and batch to batch consistency is maintained.

STORAGE STABILITY

Pigment dispersions are stable for twelve months from date of production when stored in the original containers away from sunlight at no more than 77°F/ 25°C. Keep containers tightly sealed when not in use. Store pigment dispersions in a cool, dry place. Avoid contamination with moisture, catalysts, promoters, or dusts.

SAFETY

See appropriate Material Safety Data Sheet for guidelines.

AVAILABLE PACKAGING

- 5-gallon plastic pails, 40 to 65 pounds of material
- 55-gallon steel drums, 450 to 600 pounds of material
- Disposable plastic totes in various sizes

ISO 9001:2015 CERTIFIED

The Quality Management Systems at every AOC manufacturing facility have been certified as meeting ISO 9001:2015 standards. This certification recognizes that each AOC facility has an internationally accepted model in place for managing and assuring quality. We follow the practices set forth in this model to add value to the resins we make for our customers.

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URETHANE				PIGMENT		CARRIER		
MASSTONES	Description	CI Name	Chemistry	% Wt	% Vol	% Wt	% Vol	WPG
CTU-10031	White	White 6	Titanium Dioxide	57.5	26.2	42.5	73.8	14.67
CTU-20023	Yellow	Yellow 42	Iron Oxide	33.33	11.21	66.67	88.79	11.25
CTU-20093	Yellow(red shade)	Yellow 83	Diarylide	15	11.51	85	88.49	8.66
CTU-20125	Yellow(green shade)	Yelow 12	Diarylide	20	13.63	80	86.37	8.96
CTU-30005	Blue	Blue 15:4	Phthalocyanine	15	10.03	84	88.95	8.59
CTU-30031	Blue	Blue 29	Ultra Marine	40	22.27	60	77.73	11
CTU-40022	Green	Green 7	Phthalocyanine	16	8.39	84	91.61	9.12
CTU-50043	Red	Red 101	Iron Oxide	60	25.19	40	74.81	15.95
CTU-50074	Red	Red 185	Azo	20	14.57	80	85.43	8.54
CTU-50078	Red	Red 254	DPP	8	5.14	92	94.86	8.71
CTU-50226	Red	Red 170	Napthol	20	15.76	80	84.24	8.95
CTU-50559	Red	Red 48:2	Azo	20	13.64	80	86.36	9.12
CTU-60038	Orange	Orange 16	Dianisidine	17.5	14.15	82.5	85.85	8.75
CTU-80006	Black	Black 7	Carbon Black	20	12.31	80	87.69	9.27
CTU-80076	Jet Black	Black 7	Carbon Black	15	9.01	85	90.99	8.12

Contact us for more information.

We will help you to choose the right solution.

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