

Vibrantz Technologies meets the challenges of tinting leather finishes in a rapidly changing industry

Color Solutions

Maestro™ C

General Information

Trends in leather finishes are changing fast. There is a clear need for faster production rates, reduced delivery times, lower prices and less waste. Vibrantz Technologies has developed a colorant system that meets all these requirements.

Application

Maestro C colorants are designed to meet the needs of top quality leather manufacturers, for instance in automotive and upholstery applications. Maestro C colorants are compatible with most typical resin types used in water-based leather finishes, including acrylics, polyurethanes and vinyl acetates.

Properties

The water-based Maestro C colorants are free of VOC (<1 g/l) and APE and conform with recent regulations and requirements. Their pigmentation meets the requirements for excellent weather and light fastness properties. The system only accepts pigments with lowest migration qualities. Moreover, all pigments are lead-free.



Vibrantz Technologies has maximized the pigment content in its Maestro C range to minimize colorant additions. This, in turn, ensures cost-effectiveness, as well as an excellent opacity of the end colors. High color strength and consistency from batch to batch provide a good basis for reproducible and economical colors. The Maestro C tinting system helps to increase production flexibility by producing any color and amount at any time.

Our Services

As a frontrunner in integrating tinting solutions, Vibrantz Technologies provides excellent service in the set-up of your tinting systems as well as smooth colorant technology conversions. Our technical support includes:

- Assurance of colorant and base paint compatibility
- System design, optimization and pigment selection
- Color matching and database development
- Equipment compatibility and sales support

Stringent production controls and processes ensure that all colorants are manufactured to rigid specifications for color shade, strength and rheology. The end result is assured color accuracy and reproducibility.

Name	Color	Pigment	Pigment content of colorant [%]	Light Fastness of Pigment ¹		Weather Resistance of Pigment ²		Density of Colorant (kg/m ³)
				Mass	Tint	Mass	Tint	
WT	White	PW 6	63	8	N.A.	5	N.A.	2043
TD	High Jet Black	PBk 7	20	8	8	5	5	1212
TS	Black	PBk 7	25	8	8	5	5	1197
RT	Yellow Oxide	PY 42	53	8	8	5	5	1861
NT	Red Oxide	PR 101	48	8	8	5	5	1901
GE	Yellow	PY 138	27	8	7-8	4-5	3-4	1270
UF	Yellow	PY 110	28	7	8	4-5	5	1258
ET	Magenta	PR 122	22	7	7-8	4	4-5	1096
RD	Red	PR 254	35	8	8	4-5	4	1290
CT	Yellow	PBr 24	58	8	8	4-5	4-5	1968
MF	Blue	PB 15:3	37	8	8	5	4-5	1308
LF	Green	PG 7	36	8	8	5	4-5	1329
FF	Violet	PV 23	6	8	8	5	4	1355
HS	Red Violet	PV 19	12	6-7	7-8	4	4	1254
DM	Orange	PO 73	19	8	8	4-5	4-5	1287
ST	Umber	Blend	32	8	8	5	5	1689

The values given in the table are guidance figures only. The data is obtained from pigment suppliers, individual testing is recommended.

¹ Light fastness is measured on an eight step blue scale, where 1 = very poor light fastness, 8 = excellent light fastness.

² Weather resistance is measured on a five step gray scale, where 1 = very poor weather resistance, 5 = excellent weather resistance.

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