

## + Temacolor™ T

### The colorant system for high performance solvent-based industrial coatings

Paint manufacturers need to be able to rely on their colorant systems and individual colorants to provide color reproducibility, smooth functionality and technical stability while having minimal effect on the properties of the final coating. Performance characteristics such as resistance to weather, chemicals and heat must be excellent.

#### ► Application

Chromaflo Technologies' Temacolor T colorant technology is compatible with typical resin types used in solvent-based industrial coatings. The pigmentation of Temacolor T has been formulated to meet the high technical performance needs of solvent-based industrial coatings.

#### ► Properties

The colorants contain binder and aromatic solvents that offer a maximum VOC content of 600 grams per liter. Temacolor T is market leading colorant technology with proven reliability and exceptional functionality. In addition to the high quality pigments for red and yellow, which provide excellent weather, heat and chemical resistance, there are additional economical options in the Temacolor T portfolio to ensure a good price performance balance. The vast colorant selection also ensures that the entire color space is covered.

#### ► Our Services

As a frontrunner in integrating tinting solutions, Chromaflo 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 <sup>1</sup>		Weather Resistance of Pigment <sup>2</sup>		Density of Colorant (kg/m <sup>3</sup> )
				Mass	Tint	Mass	Tint	
25	White	PW 6	69	8	N.A.	5	N.A.	2064
34	Black LC	PBk 7	4	8	8	5	5	1423
21	Black HC	PBk 7	24	8	8	5	5	1261
60	High Jet Black	PBk 7	14	8	8	5	5	1073
22	Yellow Oxide	PY 42	56	8	8	5	5	1718
28	Yellow	PBr 24	69	8	8	4-5	4-5	2046
31	Red Oxide	PR 101	65	8	8	5	5	2054
32	Yellow	PY 138	30	8	7-8	4-5	3-4	1146
81	Yellow HC	PY 138	43	8	7-8	4-5	3-4	1214
33	Orange Yellow	PY 83	16	7-8	6-7	4	3	1139
26	Orange	PO 36	15	8	7-8	5	4-5	1399
35	Red	PR 254	40	8	8	4-5	4	1136
71	Red	PR 112	35	8	6	4-5	3	1127
74	Red	PR 48:4	25	7	6	N.A.	2	1086
62	Magenta	PR 122	12	7	7-8	4	4-5	1026
23	Blue	PB 15:4	14	8	8	5	4-5	1195
30	Blue	PB 15:6	25	8	8	5	4-5	1093
24	Green	PG 7	16	8	8	5	4-5	1330
67	Violet	PV 23	12	8	8	5	4	1053
29	Red Violet	PV 19	17	6-7	7-8	4	4	1031

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

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

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