

In-Plant colorant system for solvent-based industrial coatings

Color Solutions

Solvasperse™ IND

General Information

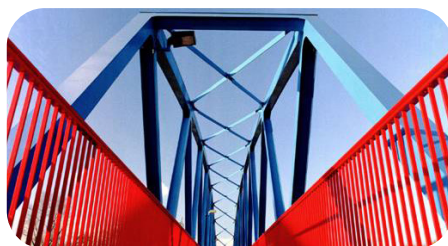
Gravimetric in-plant tinting is now possible using Solvasperse IND. A large array of coatings systems is compatible with this series, ensuring the need of only one colorant range to tint all your industrial products.

Application

Vibrantz Technologies Solvasperse IND technology shows an excellent performance in a large variety of industrial coating systems including 2-component Polyurethanes, Acrylics, short- medium- and long oil Alkyds, Epoxies and even Nitrocellulose's. In addition to the wide compatibility profile, the pigmentation of Solvasperse IND is designed to meet today's performance characteristics for industrial coatings.

Properties

Solvasperse IND colorants can be used by weight as well by volume, which makes them ideal for in-plant tinting. The colorants are based on a binder with an exceptional compatibility profile to make sure the colorant is compatible with almost all solvent-based industrial systems. VOC content of Solvasperse IND depends on the pigmentation but in all cases is below 600 g/l in all colorants.



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	
BLA	Black HC	PBk 7	24	8	8	5	5	1261
BLJ	High Jet Black	PBk 7	14	8	8	5	5	1073
BLU	Blue	PB 15:4	14	8	8	5	4-5	1195
GRE	Green	PG 7	16	8	8	5	4-5	1330
MAG	Magenta	PR 122	12	7	7-8	4	4-5	1026
MAR	Red Violet	PV 19	17	6-7	7-8	4	4	1031
ORA	Orange	PO 36	15	8	7-8	5	4-5	1397
ORY	Orange Yellow	PY 83	16	7-8	6-7	4	3	1139
OXR	Red Oxide	PR 101	65	8	8	5	5	2054
OXY	Yellow Oxide	PY 42	56	8	8	5	5	1718
RED	Red	PR 254	40	8	8	4-5	4	1136
REI	Red	PR 112	35	8	6	4-5	3	1127
RUB	Red	PR 48:4	25	7	6	N.A.	2	1086
VIO	Violet	PV 23	12	8	8	5	4	1053
WHI	White	PW 6	69	8	N.A.	5	N.A.	2064
YEC	Yellow	PY 138	30	8	7-8	4-5	3-4	1146
YEH	Yellow	PY 74	20	7-8	6-7	4-5	3	1129

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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