PRODUCT BULLETIN

Stan-Tone™ Colorants
Vinyl Paste Colors (HCC)

Stan-Tone™ HCC vinyl paste colorants are select organic and inorganic pigments dispersed in diisodecyl phthalate plasticizer (DIDP). By varying ingredient ratios, a wide range of viscosities and color control are achieved to enhance metering capability and distribution. They are designed for applications in which dispersion, uniformity, compatibility and cleanliness are desired.

KEY CHARACTERISTICS

- Indoor or outdoor lightfastness
- Heat stability
- Non-phthalate pigments available
- Additional options available using custom plasticizers

APPLICATIONS

Stan-Tone HCC dispersions are suitable for use in a variety of applications, including:

- Coated fabric
- Vinyl sealants
- Adhesives
- Wall coverings
- Toys
- Sporting goods
- Footwear
- Silk screen

AVIENT™

Stan-Tone Code	Pigment Type	Approx. % Pigment	Specific Gravity	Color Index	Heat Stability	Lightfastness
WHITE						
HCC-12144	Titanium Dioxide, Anatase	61	1.89	PW-6	1	I/O C
HCC-12145	Titanium Dioxide, Rutile	70	2.09	PW-6	1	I/O
YELLOW						
HCC-12148 (a)	Diarylide AAOT GS	35	1.09	PY-14	3	I
HCC-12516 (a)	Diarylide AAMX RS	30	1.07	PY-13	3	I
HCC-12149 (a)	Diarylide HR RS	22	1.04	PY-83	2	I/O (Mass)
HCC-12194	Iron Oxide	70	2.08	PY-42	2 C	I/O
HCC-12503	Benzimidazolone GS	30	1.09	PY-151	2	I/O (Mass)
HCC-5253 (b)	Isoindolinone RS	30	1.12	PY-110	1	I/O
ORANGE						
HCC-17394	Benzimidazolone RS	20	1.05	PO-36	2	I/O
HCC-17747	Azo YS	30	1.11	PO-64	2	I/O
HCC-33428	Dianisidine RS	29	1.06	PO-16	3	I/O (Mass)
RED						
HCC-12156 (a)	Red 2B, Ca Salt BS	30	1.12	PR-48:2	2	I/O (Mass)
HCC-12160 (a)	Red 2B, Ca Salt YS	33	1.12	PR-48:1	2	I/O (Mass)
HCC-12158 (a)	Pyrazolone YS	25	1.05	PR-38	2 C	I/O (Mass)
HCC-12159	Pigment Scarlet BS	38	1.21	PR-60:1	2	I/O (Mass)
HCC-12196	Iron Oxide, Dark VBS	65	2.09	PR-101	1	I/O
HCC-12197	Iron Oxide, Light BS	70	2.24	PR-101	1	I/O
HCC-18653	Iron Oxide, Light VYS	70	2.23	PR-101	1	I/O
HCC-11796 (a)	Specialty Naphthol BS	32	1.06	PR-170	2	I/O (Mass) C
HCC-12742 (a)	Specialty Naphthol YS	30	1.07	PR-170	2	I/O (Mass) C
HCC-2160 (b)	Quinacridone BS	26	1.08	PV-19	2	I/O
HCC-12309	Quinacridone YS	25	1.07	PV-19	2	I/O
HCC-7707	Perylene Scarlet YS	25	1.04	PR-149	2	I/O
HCC-15738	Diketo-Pyrrolo-Pyrrol YS	30	1.1	PR-254	1	I/O
BLUE						
HCC-12164	Phthalocyanine GS	27	1.08	PB-15:3	1	I/O
HCC-12166	Phthalocyanine RS	18	1.05	PB-15	1	I/O
HCC-12168	Phthalocyanine RS-NC	32	1.11	PB-15:1	1	I/O
HCC-12929 (c)	Ultramarine	53	1.4	PB-29	1	I/O

Stan-Tone Code	Pigment Type	Approx. % Pigment	Approx. % Solids	Color Index	pH Typical	Lightfastness
GREEN						
HCC-12172	Phthalocyanine BS	17	1.07	PG-7	1	I/O
HCC-12173	Phthalo Brominated VYS	25	1.16	PG-36	1	I/O
HCC-10562	Phthalocyanine YS	30	1.15	PG-7	1	I/O
HCC-12176	Chromium Oxide	80	2.8	PG-17	1	I/O
VIOLET/MAGENTA						
HCC-17680 (c)	Ultramarine Violet	50	1.46	PV-15	1	I/O
HCC-2170 (b)	Quinacridone Violet	30	1.09	PV-19	2	I/O
HCC-14562	Quinacridone Magenta	25	1.06	PR-122	2	I/O
HCC-26775	Benzimidazolone	20	1.03	PV-32	2	I/O
HCC-33159 (a)	Carbazole Violet	12	1.03	PV-23	2	I/O
BROWN/TAN						
HCC-1286 (b)	Iron Oxide, Tan HR	60	1.85	PBr-11	1	I/O
HCC-12201	Iron Oxide, Light	71	2.21	PBr-6	2 C	I/O
HCC-12202	Iron Oxide, Dark	67.5	2.06	PBr-6	2 C	I/O
BLACK						
HCC-12203	Furnace-High Jet	18	1.06	PBk-7	1	I/O
HCC-12204	Furnace-High Jet	6	1	PBk-7	1	I/O
HCC-12205	Furnace-Low Jet	34	1.15	PBk-7	1	I/O
HCC-12206	Furnace-Medium Jet	20	1.07	PBk-7	1	I/O
HCC-18654	Furnace-Ultra High Jet	15	1.04	PBk-7	1	I/O
HCC-14674	Iron Oxide	59	1.82	PBk-11	2 C	I/O
ALUMINUM						
HCC-12177	Aluminum	50	1.43	PM-1	2	I/O

HCC
RS = Red Shade
YS = Yellow Shade
VYS = Very Yellow Shade
BS = Blue Shade
VBS = Very Blue Shade
GS = Green Shade
NC = Non-Crystallizing
HR = Heat-Resistant
(a) = Potential Bleed / Migration
(b) = ESO plasticizer (Epoxidized Soybean Oil)
(c) = Pigment may fade in acidic environment

LIGHTFASTNESS
I = Indoor Only
I/O = Indoor or Outdoor
Mass = Outdoor Masstone Application Only
C = Some Caution Advised

HEAT STABILITY
1 = Above 400°F
2 = 350°F–400°F
3 = Below 350°F
C = Some Caution Advised

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