



## » PRODUCT BULLETIN

# Stan-Tone™ Colorants Rubber Colors (MB/MC & EP)

Stan-Tone™ MB/MC & EP rubber colorants consist of select organic and inorganic pigments dispersed in a rubber system. Customizable binder systems offer solutions based on nitrile, EPR, EPDM, SBR, natural rubber, CPE and EVA.

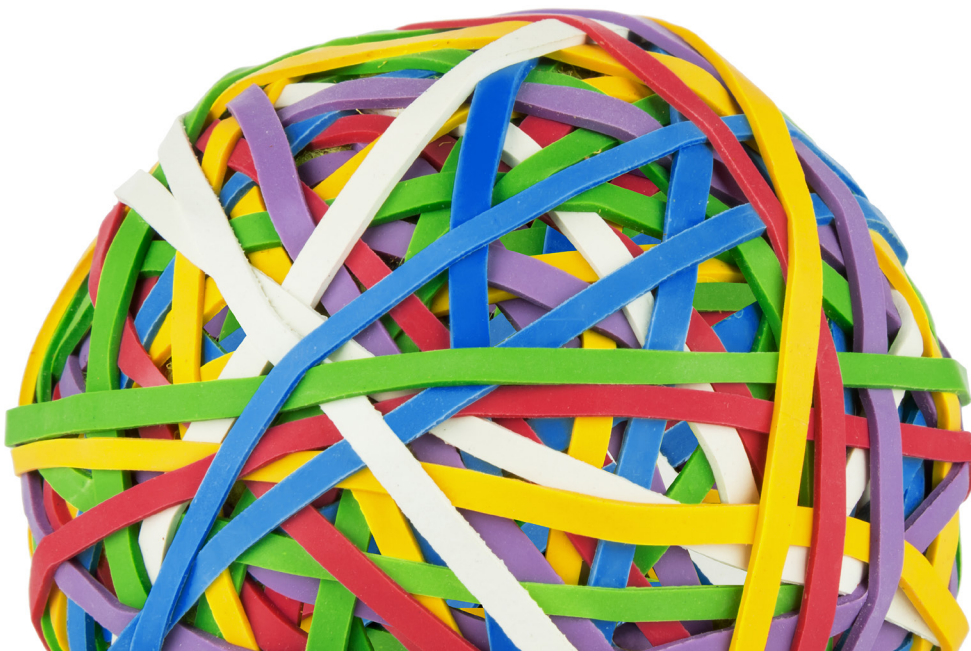
### KEY CHARACTERISTICS

- Rigidly controlled process for lot-to-lot consistency
- Formulated for excellent dispersion
- Ease of handling
- MB and EP in slab form
- MC in cube form

### APPLICATIONS

Stan-Tone MB/MC & EP rubber colorants are suitable for use in a variety of applications, including:

- Industrial goods
- Auto mats
- Rubber flooring
- Sponge rubber
- Wire and cable



Stan-Tone Code	Pigment Type	Approx. % Pigment	Specific Gravity	Color Index	Heat Stability	Lightfastness	System
<b>WHITE</b>							
10MB03	Titanium Dioxide, Rutile	60	1.74	PW-6	1	I/O	SBR
10EP03	Titanium Dioxide, Rutile	60	2.33	PW-6	1	I/O	EPDM
<b>YELLOW</b>							
12MB01 (a)	Diarylide AAOT GS	48	1.23	PY-14	3	I	SBR
12MB02 (a)	Diarylide AAOA GS	50	1.15	PY-17	3	I	SBR
12MB03 (a)	Diarylide HR RS	50	1.16	PY-83	2	I/O (Mass)	SBR
12MB09 (a)	Diarylide AAA RS	50	1.21	PY-12	3	I	SBR
12MB10 (a)	Diarylide AAMX RS	30	1.22	PY-13	3	I	SBR
13MB03	Benzimidazolone GS	50	1.15	PY-151	2	I/O (Mass)	SBR
81MB01 (c)	Iron Oxide	65	1.84	PY-42	2 C	I/O	SBR
12EP01 (a)	Diarylide AAOT GS	47	1.16	PY-14	3	I	EPDM
12EP03 (a)	Diarylide HR RS	43	1.17	PY-83	2	I/O (Mass)	EPDM
12EP09 (a)	Diarylide AAA RS	47	1.14	PY-12	3	I	EPDM
81EP01	Iron Oxide	65	1.78	PY-42	2 C	I/O	EPDM
<b>ORANGE</b>							
15MB01	Pyrazolone YS	23	1.23	PO-13	2	I/O (Mass)	SBR
15MB05	Dianisdine RS	40	1.11	PO-16	3	I/O (Mass)	SBR
15MB06	Benzimidazolone RS	50	1.18	PO-36	2	I/O	SBR
15MB07	Benzimidazolone YS	50	1.19	PO-64	2	I/O	SBR
15EP01	Pyrazolone YS	23	1.16	PO-13	2	I/O (Mass)	EPDM
15EP05	Dianisidone RS	43	1.07	PO-16	3	I/O (Mass)	EPDM
<b>RED</b>							
20MB01 (b)	Red Lake C YS	50	1.27	PR-53:1	3	I	SBR
22MB01 (b)	Lithol Rubine BS	42	1.19	PR-57:1	3	I	SBR
23MB06	Specialty Naphthol BS	50	1.11	PR-170	2	I/O (Mass) C	SBR
23MB07	Specialty Naphthol YS	50	1.13	PR-170	2	I/O (Mass) C	SBR
25MB12	Red 2B, Ca Salt BS	49	1.25	PR-48:2	2	I/O (Mass)	SBR
26MB03 (c)	Pyrazolone YS	41	1.09	PR-38	2 C	I/O (Mass)	SBR
28MB02	Red 2B, Ba Salt YS	50	1.38	PR-48:1	2	I/O (Mass)	SBR
82MB01 (c)	Iron Oxide, Light BS	60	1.68	PR-101	1	I/O	SBR
82MB02 (c)	Iron Oxide, Dark VBS	60	1.8	PR-101	1	I/O	SBR
82MB04 (c)	Iron Oxide, Light VYS	60	1.83	PR-101	1	I/O	SBR
82MB05 (c)	Iron Oxide, Light YS	60	1.84	PR-101	1	I/O	SBR
20EP01 (b)	Red Lake C YS	50	1.23	PR-53:1	3	I	EPDM

Stan-Tone Code	Pigment Type	Approx. % Pigment	Specific Gravity	Color Index	Heat Stability	Lightfastness	System
<b>RED</b>							
23EP06	Specialty Naphthol BS	50	1.06	PR-170	2	I/O (Mass) C	EPDM
25EP12	Red 2B, Ca Salt Bs	49	1.2	PR-48:2	2	I/O	EPDM
26EP03	Pyrazolone YS	41	1.03	PR-38	2 C	I/O	EPDM
28EP02	Red 2B, Ba Salt YS	50	1.33	PR-48:1	2	I/O	EPDM
82EP02	Iron Oxide, Dark VBS	59	1.7	PR-101	1	I/O	EPDM
82EP04	Iron Oxide, Light VYS	60	1.73	PR-101	1	I/O	EPDM
<b>BLUE</b>							
40MB05 (c)	Phthalocyanine GS	48	1.19	PB-15:3	1	I/O	SBR
40MB08 (c)	Phthalocyanine RS	52	1.27	PB-15	1	I/O	SBR
40MB10 (c)	Phthalocyanine RS-NC	48	1.22	PB-15:1	1	I/O	SBR
40MB02	Ultramarine	51	1.35	PB-29	1	I/O	SBR
40EP05	Phthalocyanine GS	44	1.14	PB-15:3	1	I/O	EPDM
40EP08	Phthalocyanine RS	49	1.23	PB-15	1	I/O	EPDM
40EP10	Phthalocyanine RS-NC	48	1.11	PB-15:1	1	I/O	EPDM
42EP02	Ultramarine GS	50	1.27	PB-29	1	I/O	EPDM
<b>GREEN</b>							
50MB05	Blend (Yellow/Blue)	48	1.21	N/A	3	I	SBR
51MB01 (c)	Phthalo Brominated VYS	50	1.4	PG-36	1	I/O	SBR
51MB03 (c)	Phthalocyanine YS	47	1.34	PG-7	1	I/O	SBR
51MB05 (c)	Phthalocyanine BS	50	1.46	PG-7	1	I/O	SBR
59MB01	Chromium Oxide	69	2.17	PG-17	1	I/O	SBR
50EP05	Blend (Yellow/Blue)	48	1.16	N/A	3	I	EPDM
51EP01	Phthalo Brominated VYS	44	1.37	PG-36	1	I/O	EPDM
51EP03	Phthalocyanine YS	47	1.33	PG-7	1	I/O	EPDM
51EP05	Phthalocyanine Bs	45	1.37	PG-7	1	I/O	EPDM
59EP01	Chromium Oxide	71	2.12	PG-17	1	I/O	EPDM
<b>VIOLET/MAGENTA</b>							
24MB03	Quinacridone Violet	30	1.06	PV-19	2	I/O	SBR
24MB04	Ultramarine Violet	60	1.59	PV-15	1	I/O	SBR
24MB06	Benzimidazolone	40	1.08	PV-32	2	I/O	SBR
24MB07	Carbazole Violet	40	1.25	PV-23	2	I/O	SBR
24EP03	Quinacridone Violet	31	1	PV-19	2	I/O	EPDM
24EP07	Carbazole Violet	14	1.34	PV-23	2	I/O	EPDM



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<b>BROWN</b>							
83MB01 (c)	Iron Oxide, Tan HR	60	1.78	PBr-11	1	I/O	SBR
83MB02 (c)	Iron Oxide, Light	68	2.1	PBr-6	2 C	I/O	SBR
83MB03 (c)	Iron Oxide, Dark	60	1.83	PBr-6	2 C	I/O	SBR
83EP02	Iron Oxide, Light	69	1.98	PBr-6	2 C	I/O	EPDM
83EP03	Iron Oxide, Dark	69	1.98	PBr-6	2 C	I/O	EPDM
<b>BLACK</b>							
90MB01 (c)	Furnace N-330	31	1.2	PBk-7	1	I/O	SBR
90MB05 (c)	Iron Oxide	60	1.8	PBk-11	2 C	I/O	SBR
90EP01	Furnace Black	33	1.05	PBk-7	1	I/O	EPDM
90EP05	Iron Oxide	55	1.56	PBk-11	2 C	I/O	EPDM
<b>ALUMINUM</b>							
61MB01	Aluminum	70	1.5	PM-1	1	I/O	SBR
61EP01	Aluminum	60	1.31	PM-1	1	I/O	EPDM

#### MB/MC & EP

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 Migration at Low Use Levels

(b) = Poor Alkali Resistance - Not Recommended for Open Steam Cure

(c) = Six Month Shelf Life

#### 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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