



STAN-TONE™ EP COLORS

- **Description:** Selected organic and inorganic pigments dispersed in an elastomeric binder.
- **Binder:** EPDM (Ethylene Propylene Diene Monomer) system.
- **Product Form:** MB (Slab) 3" x 9" x 1/4"
MC (Cube) 5mm x 5mm
- **Application/End Use:** Rubber flooring, wire and cable, seals, toys, footwear, sporting goods, foam insulation, belting, coated fabric, etc.

Typical recommended use level: 1.0 – 5.0% by weight.

- **Standard Packaging:** Polyethylene lined 50-pound carton.
- **Shelf Life:** Typically one year when stored under proper conditions in original, sealed container.
- **Order Size/Sample Size:** Minimum order quantity is 100 pounds unless material is a stocked item. ½ pint sample available upon request.

Excel Polymers offers a complete line of Stan-Tone™ masterbatch colors consisting of selected pigments dispersed in an EPDM (Ethylene Propylene Diene Monomer) binder system that is particularly suited for EP compounds as well as other sulfur-cured elastomer systems. Shade, tinting strength, and dispersion is rigidly controlled in our laboratory to assure lot-to-lot uniformity. They are formulated for optimum dispersion and ease of handling in conventional rubber processing: open mill mixing, internal mixer, extruder, etc. These colorants are available in MB (slab) or MC (cube) form. In addition, Excel Polymers Performance Additives offers a wide range of custom Stan-Tone™ MB and MC products dispersed in other elastomers such as SBR, EPR, NR, NBR, TPR, etc.

The Stan-Tone™ EP product line offers extended shelf life for all concentrates when compared to most of their SBR counterpart masterbatches. Typical applications include general mechanical goods, auto mats, rubber flooring, sponge rubber, wire and cable, etc.

Selection of the best pigment(s) to meet the requirements of particular applications is based on such factors as heat stability, lightfastness, weatherability, toxicity, etc. Excel Polymers Technical Specialists can help you choose the most cost-effective pigment system for your specific needs. Use levels can vary depending on the specific application; typically 1-5% will be adequate. These colorants can be blended to achieve a wide range of color hues. Custom color matching is available.

Standard packaging for both MB and MC forms are 50-pound poly-lined cartons. Minimum order quantity is 100 pounds unless material is a stocked item.



Stan-Tone Code (a)	Pigment Type	Approx % Pigment	Specific Gravity	Color Index	Heat Stability	Light-Fastness
WHITE						
10EP03	Titanium Dioxide, Rutile	80.0	2.33	PW-6	1	I/O
YELLOW						
12EP01 (c)	Diarylide AAOT GS	47.0	1.16	PY-14	3	I
12EP03 (c)	Diarylide HR RS	43.0	1.17	PY-83	2	I/O (Mass)
12EP09 (c)	Diarylide AAA RS	47.0	1.14	PY-12	3	I
81EP01	Iron Oxide	65.0	1.78	PY-42	2 C	I/O
ORANGE						
15EP01	Pyrazolone YS	23.0	1.16	PO-13	2	I/O (Mass)
15EP05	Dianisidine RS	40.0	1.09	PO-16	3	I/O (Mass)
RED						
20EP01 (b)(d)	Red Lake C YS	50.0	1.23	PR-53:1	3	1
23EP06	Specialty Naphthol BS	50.0	1.06	PR-170	2	I/O(Mass)C
25EP12	Red 2B, Ca Salt BS	49.0	1.20	PR-48:2	2	I/O(Mass)
26EP03	Pyrazolone YS	41.0	1.03	PR-38	2 C	I/O(Mass)
28EP02 (b)	Red 2B, Ba Salt YS	50.0	1.33	PR-48:1	2	I/O(Mass)
82EP04	Iron Oxide, Light VYS	60.0	1.73	PR-101	1	I/O
BLUE						
40EP05	Phthalocyanine GS	44.0	1.14	PB-15:3	1	I/O
40EP08	Phthalocyanine RS	49.0	1.23	PB-15	1	I/O
40EP10	Phthalocyanine RS-NC	48.0	1.11	PB-15:1	1	I/O
42EP02	Ultramarine GS	50.0	1.27	PB-29	1	I/O
GREEN						
50EP05	Blend (Yellow/Blue)	48.0	1.16	N/A	3	I
51EP01	Phthalo Brominated VYS	44.0	1.37	PG-36	1	I/O
51EP03	Phthalocyanine YS	47.0	1.33	PG-7	1	I/O
51EP05	Phthalocyanine BS	45.0	1.37	PG-7	1	I/O
59EP01 (b)	Chromium Oxide	71.0	2.12	PG-17	1	I/O
VIOLET/MAGENTA						
24EP02	Carbazole Violet	14.0	1.35	PV-23	2	I/O
24EP03	Quinacridone Violet	31.0	1.00	PV-19	2	I/O
BROWN/TAN						
83EP02	Iron Oxide, Light	69.0	1.98	PBr-6	2 C	I/O
83EP03	Iron Oxide, Dark	69.0	1.98	PBr-6	2 C	I/O
BLACK						
90EP01	Furnace Black	33.0	1.05	PBk-7	1	I/O
90EP05	Iron Oxide	55.0	1.56	PBk-11	2 C	I/O
ALUMINUM						
61EP01	Aluminum	60.0	1.31	PM-1	1	I/O

KEY:

- 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) = Available MB (slab) or MC (cube) form
- (b) = Heavy Metal Pigment
- (c) = Potential migration at low use levels
- (d) = Poor alkali resistance - not recommended for open steam cure.
- (e) = Shelf Life - 6 months

HEAT STABILITY

- 1 = Above 400°F
- 2 = 350°F - 400°F
- 3 = Below 350°F
- C = Some Caution Advised

LIGHTFASTNESS

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

MARKETED BY
HARWICK STANDARD
 DISTRIBUTION CORPORATION
 60 S. Seiberling Street • Akron, Ohio 44305

Excel Polymers, LLC / 6521 Davis Industrial Parkway / Solon / OH / 44139

www.excel-polymers.com

(800) 237-8649