



» PRODUCT BULLETIN

Stan-Tone™ RBX Rubber Dispersions

Stan-Tone™ RBX Rubber Dispersions 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. With a wide range of color options and the availability of both slab and cube forms, Stan-Tone RBX can be formulated to meet specific customer requirements.

KEY CHARACTERISTICS

- Rigidly controlled process for lot-to-lot consistency
- Formulated for excellent dispersion
- Ease of handling
- Customizable binder systems
- Available in slab and cube forms

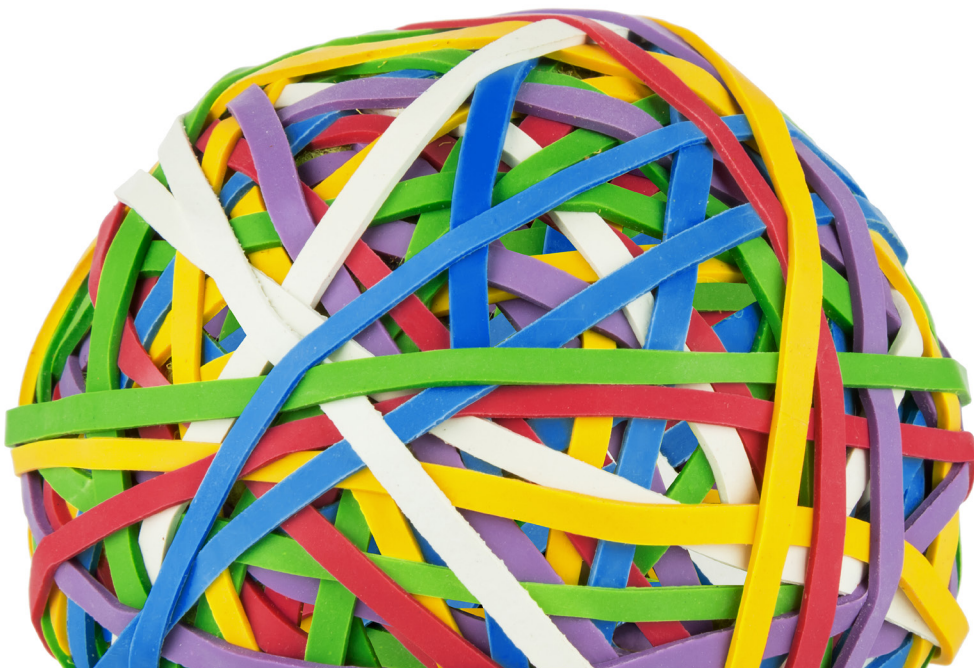
APPLICATIONS

Stan-Tone RBX Rubber Dispersions are suitable for a variety of applications within end markets such as:

- Building and construction
- Consumer
- Healthcare
- Packaging
- Transportation

Typical rubber applications include:

- Industrial goods
- Automotive mats
- Flooring
- Sponge rubber
- Wire and cable applications



Stan-Tone Code	Pigment Type	Approx. % Pigment	Specific Gravity	Color Index	Heat Stability	Lightfastness	System
WHITE							
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
YELLOW							
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
ORANGE							
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	Dianisdine RS	43	1.07	PO-16	3	I/O (Mass)	EPDM
RED							
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
RED							
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
BLUE							
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
GREEN							
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
VIOLET/MAGENTA							
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

Stan-Tone Code	Pigment Type	Approx. % Pigment	Specific Gravity	Color Index	Heat Stability	Lightfastness	System
BROWN							
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
BLACK							
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
ALUMINUM							
61MB01	Aluminum	70	1.5	PM-1	1	I/O	SBR
61EP01	Aluminum	60	1.31	PM-1	1	I/O	EPDM

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



1.844.4AVIENT
www.avient.com



Copyright © 2024, Avient Corporation. Avient makes no representations, guarantees, or warranties of any kind with respect to the information contained in this document about its accuracy, suitability for particular applications, or the results obtained or obtainable using the information. Some of the information arises from laboratory work with small-scale equipment which may not provide a reliable indication of performance or properties obtained or obtainable on larger-scale equipment. Values reported as "typical" or stated without a range do not state minimum or maximum properties; consult your sales representative for property ranges and min/max specifications. Processing conditions can cause material properties to shift from the values stated in the information. Avient makes no warranties or guarantees respecting suitability of either Avient's products or the information for your process or end-use application. You have the responsibility to conduct full-scale end-product performance testing to determine suitability in your application, and you assume all risk and liability arising from your use of the information and/or use or handling of any product. AVIENT MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, either with respect to the information or products reflected by the information. This literature shall NOT operate as permission, recommendation, or inducement to practice any patented invention without permission of the patent owner.