



ООО «АСТРА-ИНКС»

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| Water-Based Pigments Concentrates | | Technical data | | | | Fastness properties | | | | Application |
|-----------------------------------|-----------|----------------|-----------------------|---------|---------------|---------------------|-----------------|------------------|----------------|--------------------|
| Products | CI number | Shade | Viscosity # Zan cup-2 | PH | Solid content | Acid fastness | Alkali fastness | Alcohol fastness | Light fastness | recommended for |
| Yellow 13 | PY 13 | Reddish | 25-50 | 8.5-9.5 | 35-45% | 3 | 3 | 3 | — | food and beverage |
| Yellow14 | PY 14 | yellowish | 25-50 | 8.5-9.5 | 35-45% | 3 | 3 | 3 | — | paper cups |
| Yellow74 | PY 74 | | 25-50 | 8.5-9.5 | 35-45% | 3 | 3 | 3 | 5-6 | flexible packaging |
| Red 49.1 | PR 49.1 | | 25-50 | 8.5-9.5 | 35-45% | 3 | 3 | 3 | — | Napkins |
| Red 112 | PR 112 | Yellowish | 25-50 | 8.5-9.5 | 35-45% | 3 | 4 | 3 | 6-7 | Paper sacks |
| Warm red | PR 53:1 | Yellowish | 25-50 | 8.5-9.5 | 35-45% | 3 | 3 | 4 | — | Craft paper |
| Magenta | PR 57:1 | Yellowish | 25-50 | 8.5-9.5 | 35-45% | 3 | 3 | 3 | — | Recycled paper |
| Rhodamine | PR 169 | Bluish | 25-50 | 8.5-9.5 | 35-45% | 5 | 5 | 5 | — | PP woven sacks |
| Orange 13 | PO 13 | Reddish | 25-50 | 8.5-9.5 | 35-45% | 3 | 3 | 2 | — | bakery |
| Orange 34 | PO 74 | Reddish | 25-50 | 8.5-9.5 | 35-45% | 3 | 4 | 3 | 5 | calcuim chalks |
| Violet | V 27 | Bluish | 25-50 | 8.5-9.5 | 35-45% | 4 | 3 | 4 | — | |
| Blue | B 15:3 | - | 25-50 | 8.5-9.5 | 35-45% | 5 | 5 | 5 | — | |
| Green | G7 | Bluish | 25-50 | 8.5-9.5 | 35-45% | 5 | 5 | 5 | — | |
| Black | B 307 | | 25-50 | 8.5-9.5 | 35-45% | 3 | 4 | 4 | 7 | |

Lightfastness grades chart

| Grade | Degree of fading |
|-------|-----------------------|
| 8 | No fading |
| 7 | Very slight fading |
| 6 | Slight fading |
| 5 | Moderate fading |
| 4 | Appreciable fading |
| 3 | Significant fading |
| 2 | Extensive fading |
| 1 | Very extensive fading |