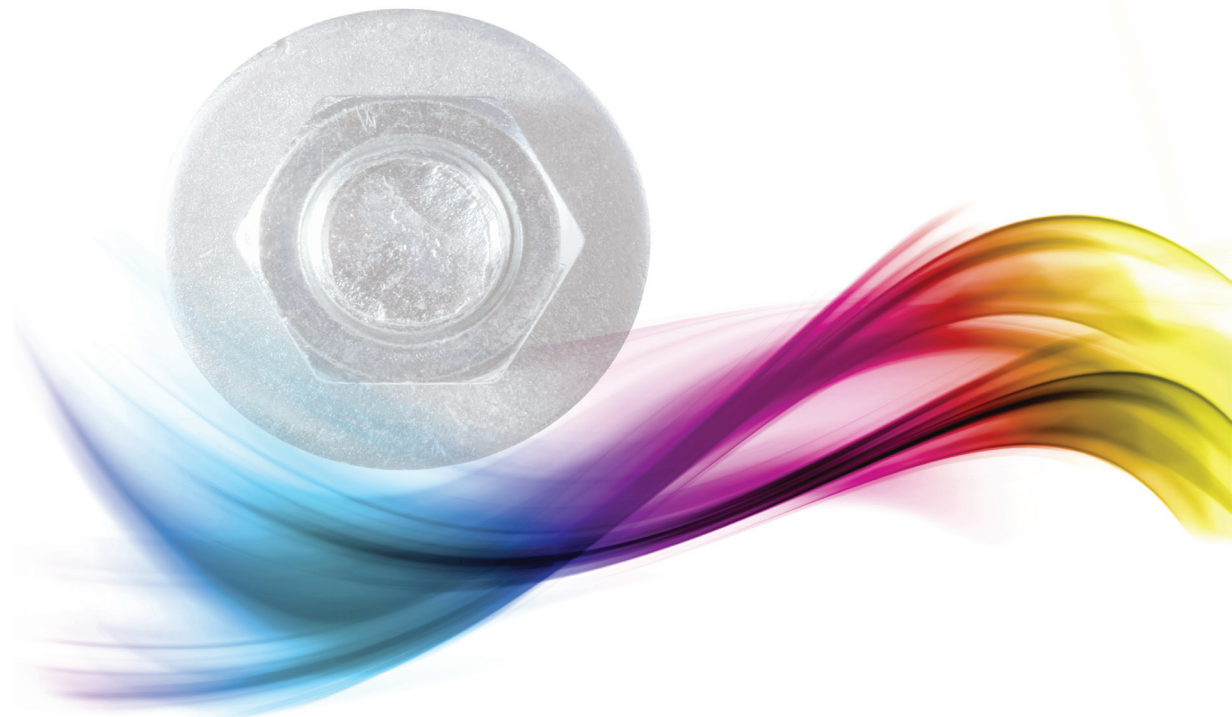General Industrial

Color Shading Guide

Imron® Industrial Strength
Imron 3.5 HG +
Imron 2.1 HG +

Imron® 3.5 HG™ + Custom Color Qualities
High Gloss (RH), Semi Gloss (RM), Satin Gloss (RA) and Flat (RF)

The Imron + Plus platform consists of 19 tints and one each binder to make custom colors in the 3.5 quality.

» Color formulas can be developed to produce thousands of high gloss colors

» Imron 3.5 HG + requires the use of 3500P Binder and in some cases 2100P binder to maintain VOC

» Imron 3.5 HG + High Gloss - Mix 4 : 1 by volume with 9T00-A activator

» 9T20 Flattener may be used to achieve semi gloss, satin, or flat gloss

» Imron 3.5 + Reduced Gloss - Mix 8 : 1 by volume with 9T00-A activator

Imron® 2.1 HG™ + Custom Color Qualities
High Gloss (QH), Semi Gloss (QM), Satin Gloss (QA) and Flat (QF)

The Imron + Plus platform consists of 19 tints and one each binder to make custom colors in 2.1 quality.

» Color formulas can be developed to produce thousands of high gloss colors

» Imron 2.1 HG + requires the use of 2100P binder

» Imron 2.1 HG + High Gloss - Mix 3 : 1 by volume with 9T00-A activator

» 9T20 Flattener may be used to achieve semi gloss, satin, or flat gloss

» Imron 2.1 + Reduced gloss - Mix 6 : 1 by volume with 9T00-A activator

Imron + Tints – Color Movement

D-101 Brightens solid colors

D-102 Blue with red cast

D-103 Bright yellow shade red with medium opacity

D-104 Yellow/Orange gives a red cast

D-105 Bright saturated yellow, slight red/yellow cast

D-106 Gives blue/purple cast

D-108 Gives dark and desaturated cast to heads-on

D-109 Magenta

D-110 Blue with a greenish cast

D-111 Violet with bluish cast

D-112 Yellow oxide, give a reddish/yellow cast

D-113 Bluish green, enhances green tone

D-114 Opaque red with bluish cast

D-116 Yellow with green cast

D-117 Transparent red

D-118 Opaque red oxide, gives red/brown cast

D-119 Bright red saturated

D-121 Transparent yellow oxide

D-122 Transparent red oxide

Imron Industrial Strength Custom Color Qualities
High Gloss (GN), Semi Gloss (GO), Satin Gloss (GP) and Flat (GQ)

The Imron Industrial Strength platform consists of 18 balanced factory package colors and one flattener.

» Colors can be used alone or in formulas to produce thousands of colors

» Intermixed colors do not require rebalancing with binders to compensate for color adjustments

» Imron Industrial Strength High Gloss - Mix 4 : 1 by volume with 9T00-A activator

» 9T20 Flattener may be used to achieve semi gloss, satin, and flat gloss

» Imron Industrial Strength Reduced Gloss - Mix 8 : 1 by volume with 9T00-A activator

Imron Industrial Strength Tints - Color Movement

9T01 White - brightens solid colors

9T02 Black - gives dark and desaturated cast head-on

9T03 Yellow - bright saturated yellow, slightly red/yellow cast

9T04 Red - gives blue/purple cast

9T05 Yellow - yellow/orange gives a red cast

9T06 Red - bright red, saturated

9T07 Blue - blue with a greenish cast

9T08 Yellow - yellow oxide, gives a reddish/yellow cast

9T09 Green - bluish green, enhances green tone

9T10 Red - bright yellow-shade red with medium opacity

9T12 Red - opaque red oxide, gives a red/brown cast

9T13 Orange - reddish orange, enhances orange tone

9T14 Transparent Red - bright red with Less opacity

9T15 Magenta - bright red with medium opacity

9T16 Violet-Blue - bluish purple, intensifies violet tones

9T17 Blue-Red Shade - blue enhances reds

9T18 HS Yellow - enhances hiding in yellow formulas

TINTING TIPS

- Tint to the obvious first (color, lightness/darkness, saturation)
- Check all viewing angles. View in natural light
- Be cautious with high-strength tints
- Try not to use "kill" colors. This approach may cause metamerism
- It is sometimes easier to leave a tint out completely and add it back slowly as needed. For example, if a color is too red, remix leaving out the predominant red
- Always match color in natural or color-corrected light
- Never tint all the color, to avoid overtinting
- Spray test panels before doing large jobs
- Enlist a second pair of eyes
- Tint to a visual match. Be careful not to overtint
- Please consult technical data sheet for variable gloss colors for more recommendations

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