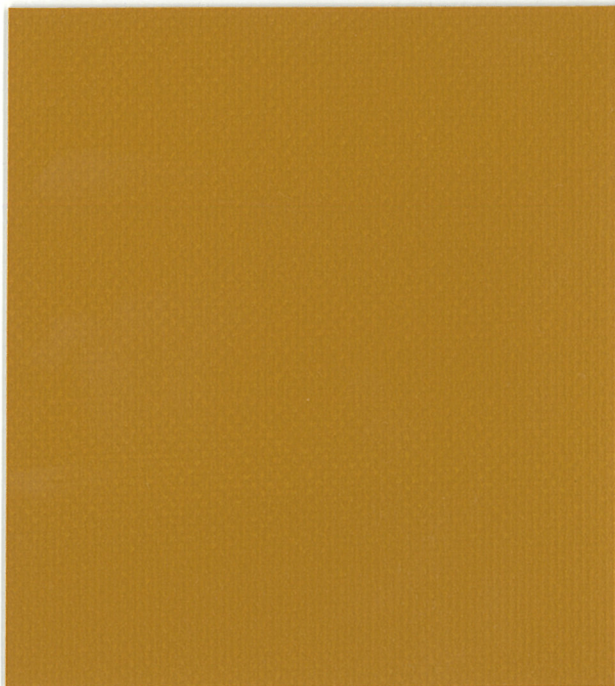


HIRAOKA HG SERIES

METALLIC



HG212-MT / GOLD

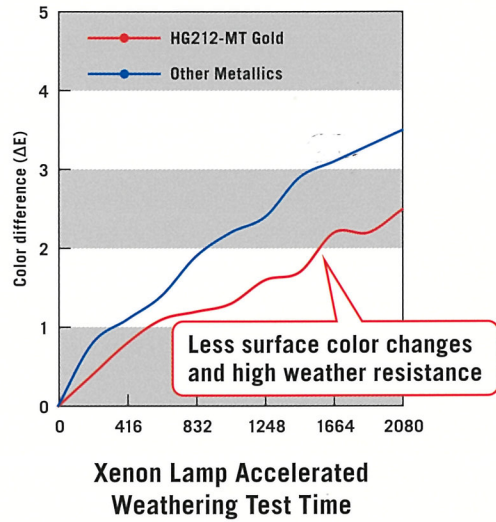
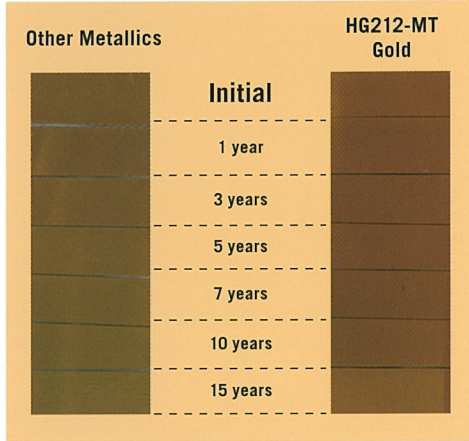


HG212-MT / BRONZE



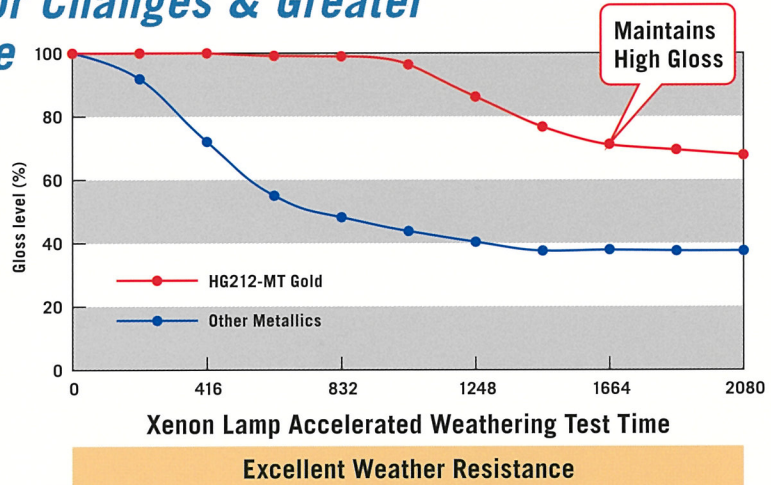
Weatherability

Xenon Lamp Accelerated Weathering Test Results



Fewer Surface Color Changes & Greater Weather Resistance

Over time, the application of a highly weather resistant, metallic luster treatment maintains higher performance levels.



Physical Properties

| Test Items | Test Method | Unit | HG102-MT | HG212-MT | HG313-MT | HG412-MT | |
|------------------------------|------------------------------|------------------|----------|----------|----------|----------|------|
| Width | ASTM D 751 | mm | 2040 | 2040 | 2040 | 2040 | |
| Total Mass | ASTM D 751 | g/m ² | 800 | 940 | 1080 | 1470 | |
| Thickness | ASTM D 751 | mm | 0.63 | 0.75 | 0.9 | 1.2 | |
| Tensile Strength (Cut Strip) | ASTM D 751 | N/5cm | Warp | 3100 | 5100 | 6100 | 8300 |
| | | | Weft | 2800 | 5200 | 5900 | 7000 |
| Tear Strength (Trapezoid) | ASTM D 751 | N | Warp | 160 | 400 | 670 | 950 |
| | | | Weft | 160 | 400 | 670 | 900 |
| | DIN 53363 | N | Warp | 300 | 630 | 1100 | 1300 |
| | | | Weft | 300 | 630 | 1000 | 1200 |
| Adhesion | ASTM D 751 | N/5cm | 100 | 130 | 140 | 150 | |
| Temperature Resistance | ASTM D2136 MSAJ/M-03-2003 | °C | -40/+70 | | | | |
| Flame Retardancy | EN13501-1 | | B-s2,d0 | B-s2,d0 | B-s2,d0 | C-s2,d0 | |
| | NFPA-701 | | meet | meet | meet | meet | |
| | ASTM E-84 | | meet | meet | meet | meet | |

*The above data reflects average measured values.