

大恭化學工業股份有限公司.
合成有機顏料應用表

| COLOR INDEX PIGMENT NO. | TRADE NAME | INK | | | | PAINT | | | | PLASTIC | | | | | | | REMARKS | |
|-------------------------|--------------|--------|---------|--------------|------------|------------|------------|---------------|----------|---------|----|--------------|-----|--------|-----|--------|-------------------|---------|
| | | OFFSET | GRAVURE | FLEXO | | AIR-DRYING | NC LACQUER | BAKING ENAMEL | EMULSION | PVC | PS | POLY-OLEFINE | ABS | RUBBER | EVA | CRAYON | | TEXTILE |
| | | | | ALCOHOL BASE | WATER BASE | | | | | | | | | | | | | |
| PY-3 | YELLOW 201C | ○* | | | ○ | | | ◎ | | | | | ○ | | ◎ | ◎ | | |
| PY-12 | YELLOW 200 | ◎* | ○ | ○ | ◎ | | | | △ | | △ | | ○ | ○ | | | | |
| | YELLOW 205 | ◎* | ○ | ○ | ○ | | | | △ | | △ | | ○ | ○ | | | | |
| | YELLOW 207 | ◎* | ○ | ○ | ○ | | | | △ | | △ | | ○ | ○ | | | | |
| | YELLOW 209 | ◎* | ○ | ○ | ○ | | | | △ | | △ | | ○ | ○ | ◎ | | | |
| | YELLOW A120 | ○* | | | ○ | | | | | | | | | | | ◎* | OPAQUE | |
| | YELLOW A121 | ◎* | ○ | ○ | ○ | | | | △ | | △ | | ○ | ○ | | | | |
| | YELLOW A122 | ◎* | ○ | ○ | ◎ | | | | △ | | △ | | ○ | ○ | | | LOW BARIUM ONTENT | |
| | YELLOW A123 | ◎* | ○ | ○ | ○ | | | | △ | | △ | | ○ | ○ | | | | |
| | YELLOW A1214 | ◎* | ○ | ○ | ○ | | | | △ | | △ | | ○ | ○ | | | | |
| | YELLOW A1220 | ◎* | ○ | ○ | ○ | | | | △ | | △ | | ○ | ○ | | | | |
| | YELLOW A1227 | ◎* | ○ | ○ | ○ | | | | △ | | △ | | ○ | ○ | | | | |
| | YELLOW A1232 | ◎* | ○ | ○ | ○ | | | | △ | | △ | | ○ | ○ | | | | |
| | YELLOW A1238 | ◎* | ○ | ○ | ○ | | | | △ | | △ | | ○ | ○ | | | | |
| YELLOW A1239 | ◎* | ○ | ○ | ○ | | | | △ | | △ | | ○ | ○ | | | | | |
| PY-13 | YELLOW 204 | ○* | ◎ | ◎ | ○ | | | | △ | | △ | | ○ | ○ | | ○ | HIGH GLOSS IN INK | |
| | YELLOW 204C | ○* | ◎ | ◎* | ○ | | | | △ | | △ | | ○ | ○ | ○ | ○ | | |

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○ APPLICABLE

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|-------------------------|-------------------------|--------|---------|--------------|------------|-------------|------------|---------------|------------|---------|----|---------------|-----|--------|-----|--------|---------|----------------------|----------------|
| | | OFFSET | GRAVURE | FLEXO | | AIR- DRYING | NC LACQUER | BAKING ENAMEL | EMUL- SION | PVC | PS | POLY- OLEFINE | ABS | RUBBER | EVA | CRAYON | | TEXTILE | |
| | | | | ALCOHOL BASE | WATER BASE | | | | | | | | | | | | | | |
| PY-14 | YELLOW 203 | ○* | ○ | ○ | ○ | | | | | △ | | △ | | ○ | ○ | ○ | ○ | | |
| | YELLOW 203C | ○ | ○ | ○ | ◎ | | | | | △ | | △ | | ◎ | ○ | | ○ | | |
| | YELLOW 210 | ○* | ○ | ○ | ○ | | | | | △ | | △ | | ○ | ◎ | ◎ | ○ | | |
| | YELLOW 515 | | | | | | | | | | | | | | | | ◎* | WET CAKE | |
| | YELLOW A143 | ○* | ○ | ○ | ○ | | | | | △ | | △ | | ◎ | ○ | | | | |
| | YELLOW A1419 | | ◎* | | | | | | | | | | | | | | | | Same as YL PG |
| | YELLOW A1421 | ○* | ○ | ○ | ○ | | | | | △ | | △ | | ○ | ○ | ○ | ○ | | REDDISH YELLOW |
| PY-17 | YELLOW 109 | ○* | ○ | ○ | ○ | | | | △* | | △ | | ○ | ○ | | | | | |
| PY-55 | YELLOW 206 | ○ | ◎ | ○ | ○* | | | | | △ | | △ | | ◎ | ○ | ○ | | REDDISH YELLOW | |
| PY-62 | YELLOW A620 | | | | | | | | ◎* | ○ | ○ | | ○ | ○ | | | | Same as Y-WSR | |
| PY-65 | YELLOW A650 | | | | | ◎* | | | ◎ | | | | | | | | | Same as Y-L2085 | |
| PY-74 | YELLOW A743 | | | | | ◎* | | | ◎ | | | | | | | | | Same as Y-2GX 70 | |
| PY-81 | YELLOW 104 | ○ | ◎ | ○ | ○ | | | | ◎* | ○ | ○ | △ | ○ | ○ | | | | GREENISH YELLOW | |
| PY-83 | YELLOW 103 | ○ | | ○ | ○ | | | | ◎* | ○ | ○ | △ | ○ | ○ | | | | REDDISH YELLOW | |
| | YELLOW 103A | ○ | ○ | ○ | ○ | | | | ◎* | ○ | ○ | △ | ○ | ○ | | | | REDDISH YELLOW | |
| | YELLOW 103M | ○ | ◎ | ○ | ○ | ○ | ○ | ○ | ○* | ○ | ○ | △ | ○ | ○ | | | ◎ | | |
| | YELLOW A835 | ○ | ○ | ○ | ○ | | | | ◎* | ○ | ○ | △ | ○ | ○ | | | | REDDISH YELLOW | |
| | YELLOW A837 | ○ | ○ | ○ | ○ | | | | ◎* | ○ | ○ | △ | ○ | ○ | | | | REDDISH YELLOW | |
| | YELLOW A8310 | ○ | ○ | ○ | ○ | | | | ◎ | ○ | ○ | △ | ○ | ○* | | | | REDDISH YELLOW | |
| | YELLOW A8312 | ○ | ○ | ○ | ○ | | | | ◎ | ○ | ○ | △ | ○ | ○* | | | | Clean & Transparency | |
| PY-151 | YELLOW A1510 | | | | | ○ | ○ | ○ | ○ | ○* | ○ | ◎ | △ | ○ | ○ | | | Same as YL H4G | |
| PY-168 | YELLOW A1680 | | | | | | | | | ◎* | ○ | ◎ | △ | ○ | ○ | | | Same as YL K1070 | |
| PY-191 | YELLOW A1910 | | | | | ○ | ○ | ○ | ○ | ◎* | ○ | ◎ | △ | ○ | ○ | | | Free of 26 amines | |
| | YELLOW A1911 | | | | | ○ | ○ | ○ | ○ | ◎* | ○ | ◎ | △ | ○ | ○ | | | GREENISH | |
| | YELLOW A1912 | | | | | ○ | ○ | ○ | ○ | ◎* | ○ | ◎ | △ | ○ | ○ | | | REDDISH | |
| | YELLOW A1914 | | | | | ○ | ○ | ○ | ○ | ◎* | ○ | ◎ | △ | ○ | ○ | | | REDDISH | |

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| | | OFFSET | GRAVURE | FLEXO | | AIR-DRYING | NC LACQUER | BAKING ENAMEL | EMULSION | PVC | PS | POLY-OLEFINE | ABS | RUBBER | EVA | CRAYON | | TEXTILE |
| | | | | ALCOHOL BASE | WATER BASE | | | | | | | | | | | | | |
| PO-13 | ORANGE 290 | | | | | | | | | | | | | | | | ◎* | WET CAKE |
| | ORANGE 300 | ○* | ○ | ○ | ○ | | | | | △ | | △ | | ○ | ○ | ◎ | | |
| PO-16 | ORANGE R | | | | | | | | | | | | | | | | ◎* | WET CAKE |
| | ORANGE 303 | ○* | ○ | ○ | ◎ | ○ | ○ | | | △ | | △ | | ○ | ○ | ○ | | |
| | ORANGE 303R | ○* | ○ | ○ | ◎ | ○ | ○ | | | △ | | △ | | ○ | ○ | | | |
| | ORANGE B160 | ○ | ○ | ○ | ◎* | | | | | ○ | △ | ○ | △ | ○ | ○ | | | |
| | ORANGE B163 | ○ | ○ | ○ | ◎ | | | | | △ | | △ | | ◎* | ○ | | | |
| PR-48:1 | RED 405 | ○ | ○ | ○ | ○ | | | | | ◎* | △ | ○ | △ | ○ | ○ | | | |
| | RED 405O | ○ | ○ | ○ | ◎* | ○ | ○ | ○ | | ○ | △ | ○ | △ | ○ | ○ | | | |
| | RED 405H | ○ | ○ | ○ | ○ | | | | | ◎* | △ | ○ | △ | ○ | ○ | | | |
| PR-48:2 | RED 406 | ○ | △ | ○ | ○ | | | | | ◎* | | ○ | | ○ | ○ | | | |
| | RED 406W | ○ | △ | ○ | ○ | | | | | ○* | | ○ | | ○ | ○ | | | |
| | RED 407 | ○ | △ | ○ | ○ | | | | | ◎* | | ○ | | ○ | ○ | | | |
| | RED 407H | ○ | ○ | ○ | ○ | | | | | ◎* | | ○ | | ○ | ○ | | | |
| | RED C483 | ○ | ○ | ○ | ○ | ○ | ◎* | | | ○ | △ | ○ | △ | ○ | ○ | | | |
| PR-48:3 | RED 403B | ○* | ○ | ○ | ◎ | | | | | ◎ | △ | ◎ | △ | ○ | ◎ | | | |
| | RED 403O | ○ | ○ | ○ | ○ | | | | | ○* | △ | ◎ | △ | ○ | ◎ | | | |
| | RED 403H | ○ | ○* | ○ | ◎* | | | | | ◎ | △ | ◎ | △ | ○ | ◎ | | | |
| | RED C486 | | | ○ | ○ | | | | | ◎* | △ | ○ | △ | ○ | ◎ | | | |
| | RED C486R | | | ○ | ○ | | | | | ○ | △ | ○ | △ | ○ | ◎* | | | |
| | RED C4811 | ○ | ○ | ○ | ○ | | | | | ◎* | | ○ | | ○ | ○ | | | Good water resistance |
| | RED C4825 | | | ○ | ○ | | | | | ◎* | △ | ○ | △ | ○ | ◎ | | | |
| PR-48:4 | RED C489 | | | | | ◎ | ◎ | ◎* | ○ | | | | | | | | | |
| | RED C489H | | | | | ◎ | ◎ | ◎* | ○ | | | | | | | | | |

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| | | OFFSET | GRAVURE | FLEXO | | AIR- DRYING | NC LACQUER | BAKING ENAMEL | EMUL- SION | PVC | PS | POLY- OLEFINE | ABS | RUBBER | EVA | CRAYON | | TEXTILE |
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| PR-53:1 | RED 309 | ⊙* | ○ | ○ | ○ | | | | | ○ | △ | ○ | | ○ | ○ | | | |
| | RED 309H | ⊙* | ○ | ○ | ○ | | | | | ○ | △ | ○ | | ○ | ○ | | | |
| | RED CM | ○* | ○ | ○ | | | | | | ○ | △ | ○ | | ○ | ○ | | | |
| | RED 400 | | | | | | | | | ⊙* | △ | ○ | | ○ | ○ | | | |
| | RED CH | ⊙ | ⊙ | ⊙ | | | | | | ○* | △ | ○ | | ○ | ○ | | | |
| | RED C530 | ⊙* | ⊙ | ○ | | | | | | ⊙ | △ | ○ | | ○ | ○ | | | |
| | RED C531 | ○ | ○ | | | | | | | ⊙* | △ | ○ | | ○ | ○ | | | |
| | RED C532 | ○* | ⊙ | | | | | | | ○ | △ | ○ | | ○ | ○ | | | |
| | RED C5310 | ⊙* | ○ | ○ | ○ | | | | | ○ | △ | ○ | | ○ | ○ | | | |
| | RED C5311 | ○ | ○ | ○ | ○ | | | | | ⊙* | △ | ○ | | ○ | ○ | | | |
| | RED C5318 | ○* | ⊙ | | | | | | | ○ | △ | ○ | | ○ | ○ | | | |
| PR-57:1 | RED 503 | ⊙* | ○ | | | | | | | ○* | △ | ○ | | ○ | ○ | | | |
| | RED 503E | ⊙* | ○ | | | | | | | ○ | △ | ○ | | ○ | ○ | | | |
| | RED 503P | ⊙* | ○ | | | | | | | ○ | △ | ○ | | ○ | ○ | | | |
| | RED 6BE | | | | | | | | | ⊙* | △ | ○ | | ○ | ○ | | | |
| | RED 5034 | ⊙* | ○ | | | | | | | ○* | △ | ○ | | ○ | ○ | | | |
| | RED C570 | ○ | ○ | | | | | | | ⊙* | △ | ○ | △ | ○ | ○ | | HIGH DISPERSIBILITY | |
| | RED C573 | | | | | | | | | ⊙* | △ | ○ | | ○ | ○ | | | |
| | RED C573A | | | | | | | | | ⊙* | △ | ○ | | ○ | ○ | | | |
| | RED C5710 | ⊙* | ○ | | | | | | | ○* | △ | ○ | | ○ | ○ | | | |
| | RED C5715 | ⊙* | ○ | | | | | | | ○ | △ | ○ | | ○ | ○ | | | |
| | RED C5725 | | ⊙* | | | | | | | | | | | | | | | |

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| | | OFFSET | GRAVURE | FLEXO | | AIR-DRYING | NC LACQUER | BAKING ENAMEL | EMULSION | PVC | PS | POLY-OLEFINE | ABS | RUBBER | EVA | CRAYON | | TEXTILE | |
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| PR-57:1 | RED C5738 | ◎ | ○ | | | | | | | ◎ | △ | ○ | | ○ | ○ | | | Yellowish | |
| | RED C5739 | | ◎* | | | | | | | | | | | | | | | | |
| | RED C5742 | ◎* | ○ | | | | | | | ○ | △ | ○ | | ○ | ○ | | | | |
| PR-170 | RED TK5R | ○ | ◎ | ○ | ○ | ◎ | ◎ | ◎* | ◎ | △ | | ○ | | ○ | ○ | ○ | ○ | ○ | Same as Clariant R-F5RK |
| | RED C1701 | ○ | ◎ | ○ | ○ | ◎ | ◎ | ◎* | ◎ | △ | | ○ | | ○ | ○ | ○ | ○ | ○ | Same as Clariant R-F3RK 70 |
| PR-176 | RED C1760 | | ◎ | | | | | | | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | | | High grade pigment | |
| PR-208 | RED C2081 | | ◎ | | | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | ◎ | | | High grade pigment | |

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