

## Solubility Values(gm/L) for OrcoSolve MC Series™

**Orcosolve MC™** solvent soluble metal complex dyes are applicable to the inks and coating industries including wood stains, foil, leather, hot-stamp & bake applications, and plastics. These dyes offer superior heat stability and lightfastness in addition to solubility in many organic solvent systems. In addition to this standard product line we also offer many other specialty solvent dyes as well as custom formulated blends.

| OrcoSolve™      | Shade | Color Index | Ethanol | Methanol | n-Pro panol | Iso pro panol | n- Butanol | Toluene | Dowanol PM | Benzyl Alcohol | Acetone | Methyl Ethyl Ketone (MEK) | Cyclohexanone | Dicetrone Alcohol | Ethyl Cellusolve | Butyl Cellusolve | Ethyl Acetate | n-Butyl Acetate | Cellusolve Acetate | Propylene Glycol |
|-----------------|-------|-------------|---------|----------|-------------|---------------|------------|---------|------------|----------------|---------|---------------------------|---------------|-------------------|------------------|------------------|---------------|-----------------|--------------------|------------------|
| Black RE-MC     |       | SBk 27      | 450     | 100      | 110         | 30            | 40         | tr      | 100        | 560            | 450     | 300                       | 500           | 450               | 450              | 450              | 150           | 200             | 350                | 270              |
| Black CNL-MC    |       | SBk 28      |         |          | 50          | 100           |            | 30      | 200        |                |         | 400                       |               |                   |                  |                  | 20            |                 |                    |                  |
| Black RL-MC     |       | SBk 29      | 400     | 50       | 100         | 70            | 40         | tr      | 100        | 460            | 400     | 300                       | 390           | 400               | 400              | 400              | 100           | 220             | 360                | 220              |
| Blue 2GN-MC     |       | SB 70       | 40      | 100      | 500         | 500           | 220        | 80      | 500        | 500            | 230     | 140                       | 390           | 350               | 500              | 280              | 10            | 80              | 20                 | 200              |
| Green BYS-MC    |       | SG -        | 45      | 100      | 150         | 150           | 80         | 40      | 300        | 260            | 340     | 320                       | 200           | 350               | 450              | 300              | 10            | 40              | 20                 | 190              |
| Orange RE-MC    |       | SO 54       | 40      | 40       | 170         | 110           | 150        | tr      | 100        | 170            | 450     | 400                       | 400           | 200               | 150              | 100              | 10            | 20              | 240                | <10              |
| Orange RL-MC    |       | SO 58       | 200     | 20       | <10         | 170           | tr         | tr      | 100        | 80             | 400     | 100                       | <10           | 400               | 400              | 400              | 100           | 100             | 220                | 220              |
| Orange RLN-MC   |       | SO 62       | 300     |          | 50          | 100           |            | 50      | 200        |                |         | 500                       |               |                   |                  |                  | 50            |                 |                    |                  |
| Orange R-MC     |       | SO 99       | 150     | 150      | 180         | 140           | 180        | tr      | 150        | 180            | 450     | 400                       | 400           | 400               | 400              | 300              | 100           | 10              | 300                | 60               |
| Fire Red GLS-MC |       | SR 89       | 20      | 130      | 20          | <10           | 20         | tr      | 100        | 190            | 400     | 150                       | 180           | 400               | 350              | 350              | 20            | tr              | 180                | 60               |
| Fire Red G-MC   |       | SR 119      | 20      | 40       | 40          | <10           | 160        | tr      | 100        | 190            | 200     | 100                       | 540           | 200               | 200              | 200              | 20            | 10              | 200                | ins              |
| Red B-MC        |       | SR 122      | 150     | 220      | 170         | <10           | 180        | tr      | 400        | 180            | 400     | 400                       | 340           | 400               | 400              | 200              | 100           | 150             | 280                | 250              |
| Pink 6BLS-MC    |       | SR 127      | 50      | 300      | 80          | 25            | 20         | <10     | 20         | 600            | <10     | <10                       | 1000          | 100               | 100              | 50               | <10           | <10             | <10                | <10              |
| Fire Red BL-MC  |       | SR 160      | 500     | 500      | 80          | 60            | 160        | tr      | 500        | 180            | 390     | 500                       | 500           | 400               | 500              | 0                | <100          | tr              | 90                 | 120              |
| Yellow GL-MC    |       | SY 90       | 50      | 100      | <20         | <10           | 20         | tr      | 100        | 50             | 400     | 480                       | <10           | 400               | 400              | 400              | 10            | tr              | 15                 | 180              |
| Yellow 2GN-MC   |       | SY 82       | 100     | 140      | <10         | 150           | 30         | 50      | 100        | 50             | 400     | 300                       | 100           | 400               | 400              | 400              | 250           | 10              | 25                 | <10              |
| Brown 2RL-MC    |       | SBrn43      | 130     | 110      | <10         | <10           | 100        | 150     | 330        | 200            | 350     | 500                       | 330           | 420               | 500              | 500              | 200           | 170             | 380                | 290              |