

Optical Fiber Coloring Inks For LED 395nm

Physical Properties:

Liquid Coating

| | |
|------------------|----------|
| Viscosity (25°C) | 2800cps |
| Solid Content | >99% |
| Density (23°C) | 1.15kg/l |

Typical Value

Cured Film

| | |
|---|-----------------------|
| Modulus at 2.5% strain | 350MPa |
| Elongation | 5% |
| Tensile strength | 16MPa |
| Curing speed (at 95% of relative curing degree) | ≤1.0J/cm ² |
| Density (23°C) | 1.23kg/l |

Packaging, Transportation, Storage

Packaging & Transportation

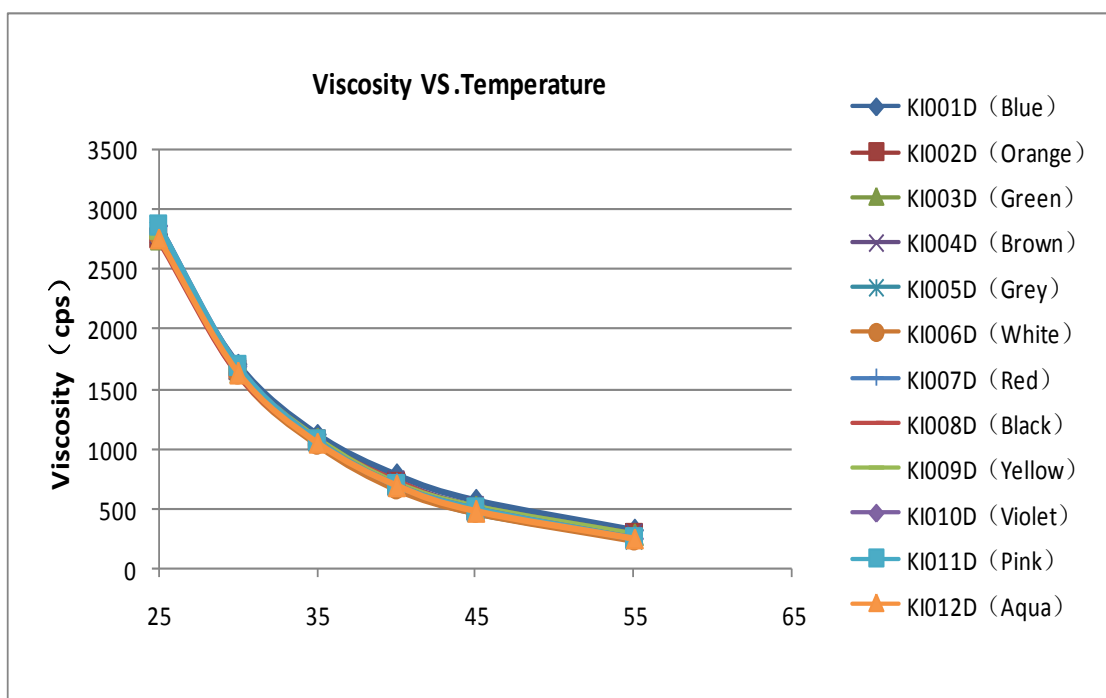
Packaged in 1kg plastic bottle

Storage Conditions

Stored between 0°C to 35°C
for up to 12 months.

Safety Precautions

Refer to packaging labels



Catalog

Optical Fiber Coloring Inks For LED 395nm

This product is manufactured by our patented UV curable technology and the world's leading production method. Quality control and testing are strictly executed throughout the whole process.

KI series optical fiber inks include the following colors:

| | |
|-----------------|-----------------|
| KI001D (Blue) | KI002D (Orange) |
| KI003D (Green) | KI004D (Brown) |
| KI005D (Grey) | KI006D (White) |
| KI007D (Red) | KI008D (Black) |
| KI009D (Yellow) | KI010D (Violet) |
| KI011D (Pink) | KI012D (Aqua) |

All twelve colors are in accordance with the Pantone color-order system. We can also offer customized colors according to customers' special requirements.

| NO. | Color | Pantone Color-Order | | |
|--------|--------|---------------------|-------------|-------------|
| | | L | a | b |
| KI001D | Blue | 33.1—46.1 | -13.3—3.9 | -40.5—30.3 |
| KI002D | Orange | 48.8—60.8 | 35.7—48.2 | 26.3—38.3 |
| KI003D | Green | 48.2—57.9 | -48.5—-34.8 | 14.0—28.9 |
| KI004D | Brown | 27.9—41.0 | -0.7—10.5 | -2.8—9.8 |
| KI005D | Grey | 47.9—60.8 | -4.1—-0.1 | -7.2—-3.0 |
| KI006D | White | 87.6—98.4 | -3.5—0.5 | -2.5—2.6 |
| KI007D | Red | 37.4—49.1 | 35.9—53.9 | 8.0—21.7 |
| KI008D | Black | 22.5—30.3 | -1.5—1.8 | -2.9—2.1 |
| KI009D | Yellow | 72.7—83.6 | -0.2—15.8 | 57.8—73.9 |
| KI010D | violet | 50.0—60.5 | 12.2—20.7 | -40.8—-24.8 |
| KI011D | Pink | 64.0—75.3 | 23.3—34.9 | 3.1—12.1 |
| KI012D | Aqua | 59.4—68.4 | -33.4—-22.8 | -27.9—-15.4 |

The data contained herein are based on Phichem lab test result and are believed to be reliable. Phichem recommends that the users take test to determine the suitability of a product in particular processing or application/use.