



# IN>GENIO

FABBRICA ITALIANA INCHIOSTRI

## **KP-SERIES**

---

WATER BASED PIGMENTS PREPARATIONS FOR INKJET PRODUCTION.

## HIGH-PIGMENT LOAD DISPERSION FOR DIGITAL INKS PRODUCTION

Aqueous pigment preparation based on a high performance polymeric dispersant, for digital inks production. Stability and excellent color strength characterize this new range of products suitable for any production.

### MAIN ADVANTAGES

- **35% pigment load** for the highest flexibility formulation.
- Finest and narrow particle size distribution
- Based on high performance pigments recommended even for sensitive applications (packaging printing).
- Full color gamut: several CI's available on request (P.R. 122, P.R. 254, P.O. 64, P.V. 23, P.G. 7 and P.W. 6)
- Excellent stability for a long life product.
- No sedimentation and very low viscosity.
- High compatibility with wide range of co-solvents and resins.
- Developed and produced exclusively in Italy





## KP\_WP SERIES

### TECHNICAL PARAMETERS

Parameters allow easy final formulation and customization.

PRODUCT	COLOR INDEX	CHEMICAL CLASS
KP-CY01WB	PB 15:4	<i>phthalocyanine</i>
KP-MA02WB	***	<i>quinacridone</i>
KP-YE03WB	PY 138	<i>quinophtalone</i>
KP-BK04WB	PBK 7	<i>carbon black</i>

Color	CMYK
Pigment load	35% pigment
PH	6.0±1.0
Conductivity	<400 mS/cm
Particle size D[4:3]	< 200 nm
Viscosity @ 20°C	~ 200 cPs ± 10

### SIZE DISTRIBUTION

Size distribution below 200 nm for excellent stability and easy dispersion.

### WATER FRIENDLY SERIE

Water based product to meet enviromental requirements.

**POSSIBILITY TO STUDY AND SET UP TAYLOR MADE SOLUTIONS.**

- Size distribution below 200 nanometer

- High compatibility with co-solvents

- Excellent stability for a long life product

- Easily and fast dispersible for high performance

- Maximum color rendering on multiple media.

- Water-based product to meet environmental requirements

- Formulated to facilitate the end user



Via della Chimica 48, 41042, Fiorano Modenese (MO) ITALY

[www.ink-genio.it](http://www.ink-genio.it)

[info@ink-genio.it](mailto:info@ink-genio.it)