YSHIELD® AQUACOND K40 | Carbon pigment dispersion 40 µm | 5 liter

Fine dispersion of a carbon pigment d50 = 40 µm and carbon black. For abrasion-resistant coatings from 10 ohms.

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YSHIELD® AQUACOND K40 is a **water-based dispersion of a hard carbon pigment with an average particle diameter of 40 µm and carbon black**. In combination with a binding agent, square resistances from 10 ohms are possible. Neutrally formulated and therefore suitable for use in a wide range of technological fields. **Non-greasy and hard dispersion for the formulation of shielding paints, EMC coatings, infrared heating coatings, etc.**

Technical data

- Delivery: In 5-liter buckets (60 per pallet), or in IBCs for orders of 800 liters or more.
- Color: Dark gray
- Solvent: Water
- Dispersing additive: Nonionic
- K40 pigment: Carbon pigment **d50 = 40 µm**; d90 = 60 µm; in combination with our AQUACOND BAC binding agent, resistances from 10 ohms can be achieved.
- Viscosity: 3000 mPas
- PH value: 6.3
- Density: 1.42 kg/l
- Solid content: 54.5 %
- VOC content: 0 g/l
- Ingredients: Water, carbon pigment, carbon black, additives, preservative BIT/INN. **Water-soluble without additional binding agent.**

AQUACOND mixing system

We have been developing and producing **electrically highly conductive carbon coatings since 2003**. In addition to our globally renowned standard products, we have developed many customized solutions for absorption, plastic coatings, heating applications, textile coatings, and more. This is very time-consuming for us and sometimes not very effective when projects with high development costs and purchase quantities do not match. For this reason, we have developed the AQUACOND mixing system: **Compatible base components can be mixed as desired for individual conductivity applications**. The aqueous dispersions have been developed for maximum compatibility with as many of your usual ingredients as possible.