

Heislur HW55

Product Name: Water-Based Carbon Black Dispersion

Heislur HW55, a water-based carbon black dispersion, is prepared by pigment grade high and medium color furnace black with KingPowder's unique water dispersion technology. It's water-based and environmentally friendly, with good dispersibility in water. It has strong coloring power and good color developing power with high content of nano carbon black, whose particle size is fine, narrow and evenly distributed, which is less than 1 micron by fineness of grind gauges. It has good compatibility in a variety of water-soluble and alcohol-soluble systems. For low viscosity and good fluidity, it's easy to add. In the spraying products, it endows products with black and shiny mirror effect, as well as superior light resistance, heat resistance, weather resistance, chemical stability and ultraviolet shielding effect.

Product Parameters:

Appearance: (visual inspection)	Black liquid
Filter test (200 mesh):	No obvious non-filterable material
Original particle size D 50 (nm):	15-20
Solid content (% , 105°C, 3 hours):	≥30.00
pH:	6-9
Dispersibility: (slurry dispersed in solvent / water)	Easily dispersed in water-based system
Light resistance (level):	8
Weather resistance (level):	5
Chemical medium resistance (level):	5

Product Features and Applications:

Features:

- 1) Water based, environmentally friendly, excellent dispersibility and compatibility in water and alcohol system.
- 2) High carbon black content, low viscosity, no resin, wider range of application.
- 3) Nano particle size, stable suspension, super black and bright, strong coloring power, high hiding power.

Technical Data Sheet

Version: EN 1.0

- 4) Inorganic pigment, no color migration, no VOC, low heavy metals, low polycyclic aromatic hydrocarbons, completely environment-friendly.
- 5) Light resistance, weather resistance, acid and alkali resistance, excellent chemical stability, good anti-corrosion performance and UV shielding function.

Applications:

It's mainly used in water-based products of coating, ink, leather, textile dyeing and paper for coloring purpose.

Storage Information:

Manufacture area:	China
Packaging:	25kg/barrel
Storage:	Sealed and stored in a cool and dry place away from light
Shelf life:	24 months

Date: 2021/7/23