



Epoxy Floor Pigment Slurry Medium Gray BK902 TDS

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Disclaimer: All information provided in this Technical Data Sheet is for customer selection, use and reference only. Customers should conduct sufficient tests according to their own application scenarios to confirm the applicability of the product before mass use.

1. Product Basic Information

Item	Details
Product Name	Epoxy Floor Pigment Slurry (Medium Gray)
Product Model	BK902
Series Belonging	EH Series Solvent-Free Epoxy Special Pigment Slurry (EHA is a high-concentration, anti-flooding version)
Appearance	Uniform and fine liquid, medium gray, no caking or obvious precipitation
Main Components	Inorganic pigments (iron black + titanium white compound), epoxy resin, reactive diluent, dispersant

2. Product Features

- Solvent-free, low odor, meets low VOC requirements, environmentally friendly with no harmful volatile substances.
- Strong tinting strength and excellent hiding power; medium gray color is dirt-resistant and easy to clean, no flooding or blooming.
- Good compatibility with epoxy A/B components, low viscosity, easy to disperse, and does not affect the curing effect.
- Light-resistant, weather-resistant, chemical corrosion-resistant, with stable color that does not fade or migrate.
- Good fluidity, suitable for various construction methods such as roller coating, blade coating and self-leveling.

3. Core Technical Parameters

Test Item	Technical Index
Solid Content	50%–60% ($\pm 2\%$)
Fineness	$\leq 20\mu\text{m}$
Viscosity (25°C)	800–2000 mPa·s
Shelf Life	≥ 12 months (sealed and stored in a cool place)

4. Application Scope

Suitable for coloring various solvent-free epoxy floors, including epoxy self-leveling, anti-static, heavy-duty anti-corrosion floors, as well as epoxy FRP and mortar floors.

5. Usage and Construction

The conventional addition ratio is 2%–5% (mass ratio) of the total amount of epoxy floor paint, and the maximum is no more than 8%; first stir the epoxy component A, add the pigment slurry and stir for 5 minutes, then add component B and stir for 3–5 minutes before construction in time. The construction temperature is 5–35°C, humidity $\leq 85\%$; surface drying $\geq 4\text{h}$ and hard drying $\geq 24\text{h}$ at 25°C.

6. Storage and Transportation

Store in a sealed, cool and ventilated place ($\leq 35^\circ\text{C}$), away from fire and heat sources, avoiding exposure to sunlight and rain; handle with care during transportation to avoid damage and leakage, and do not store or transport together with strong oxidants, acids and alkalis.

7. Safety Protection

Wear protective gloves and goggles during operation to avoid skin and eye contact; keep the construction area ventilated and strictly prohibit open flames; seek medical attention in time if accidentally ingested or splashed into eyes, and dispose of waste packaging in accordance with environmental protection regulations.