

Dispersant

RD-9490

Properties and Advantages:

RD-9490 is an aqueous solution of a weakly anionic copolymer containing high levels of pigment-affinity groups. It disperses carbon black, organic pigments and inorganic pigments in water-based systems, offering good tinting strength, a satisfactory viscosity-reducing effect, good storage stability, and good resistance to water and salt spray.

Product Specifications:

Appearance	Transparent liquid
Active ingredients	40±2%
Density	1.02g/cm ³
Colour (Gardner)	≤6
Boiling point	≥100℃
pH value	6-7

Applications:

- * Preparation of various high-end resin-free water-based colour pastes
- * Water-based coatings for shipping containers, construction machinery and wood
- * Water-based flexographic and gravure inks

Recommended addition levels:

The recommended addition levels for the above applications are 5.0–30.0% for inorganic pigments, 20–70% for organic pigments, 40–100% for carbon black, and 0.5–2.0% for co-ground pigments;

Use:

Add to the grinding material before dispersion.

Packaging:

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; For more information, please visit: <https://www.rk-chem.com>

25 kg/drum; 200 kg/drum.

Storage:

Keep away from high temperatures and sources of ignition; store in a cool, well-ventilated place; seal tightly after use; shelf life: 24 months.