

Preliminary Technical Leaflet

WorléeDisperse VP 8470 W (VP-S 911/86)

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Polymeric Dispersing Additive for Inorganic Pigments

W'Disperse VP 8470 W is a polymeric dispersing additive preferably for inorganic pigments the use in water-based systems as pigment pastes or in direct grinds.

W'Disperse VP 8470 W is APEO-free.

Properties, in short:

- For water-based coating systems
- Especially suitable for highly filled organic pigment preparations: high filling properties at low viscosity
- Gloss improvement
- Prevents flooding and phase separation
- Reduces pigment settling on the ground

Technical Data:

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|-------------------------|--|
| Active substance | approx. 80% |
| Appearance | amber, clear to slightly turbid liquid |
| Chemical characteristic | mixture of polymeric alcohol ethoxylate with groups of high pigment affinity |

Recommended Uses:

W'Add VP 8470 W is especially suitable for the manufacture of highly filled organic pigment pastes. The positive influence on levelling and gloss of water-based coatings, which have been grinded with W'Disperse VP 8470 W has to be pointed out. Furthermore by using W'Disperse 8470 W pigment floating and phase separation is suppressed. The tendency to pigment sedimentation is significantly reduced by the use of W'Disperse VP 8470W.

WorléeDisperse VP 8470 W

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Dosage:

The addition of W'Add VP 8470 W to the millbase is carried out before the dispersion. The application quantity (calculated as delivery form and proportional to the pigment content) is

- 1% to 2% in direct grinds and

with pigment pastes

- 15 - 30% for organic pigments.

As the necessary part of W'Disperse VP 8470 W is dependent on the formulation, an optimization should be tested in serial trials.

Storage:

W'Disperse VP 8470 W should be stored in tightly closed containers at 5 °C to 30 °C. Due to the water content it has to be protected against frost.

Disclaimer:

The product described in this preliminary technical data sheet is a trial product which has not yet been industrially manufactured. Worlée-Chemie GmbH has not yet been able to monitor performance over a sufficiently long period and therefore cannot accept liability or provide a warranty for the product, in particular on its suitability for specific applications.