

Technical Leaflet

WorléeDisperse 8100 S

Art.-No. 114011-20588

Revision: 06.04.2023

Polymeric Dispersing Additive for Inorganic and Organic Pigments

WorléeDisperse 8100 S is a polymeric dispersing additive preferably for the use in mixed pigmentation in direct grinds for solvent-based paint formulations.

Properties, in short:

- Gloss improvement
- Prevents flooding and phase separation
- Reduces pigment settling on the ground
- Reduces the viscosity in high filled formulations

Technical Data:

Appearance	clear to opaque liquid
Active substance	approx. 100%
Acid value, DIN EN ISO 2114	max. 50 mg KOH/g
Colour, Gardner, DIN ISO 4630	max. 10
Viscosity, Rheometer, 20 °C, C 35/1°, 100 s ⁻¹	3,000 - 7,000 mPa·s

Recommended Uses:

It is particularly remarkable that the use of WorléeDisperse 8100 S in alkyd resin paints has no effect on drying or embrittlement of the paint film.

Dosage:

The addition of WorléeDisperse 8100 S to the millbase is carried out before the dispersion. The application quantity (calculated as delivery form and proportional to the pigment content) is 2% to 4% in direct grinds.

Shelf Life, recommended Storage and Transport Conditions:

The storage stability of WorléeDisperse 8100 S in the originally closed barrel is at a storage temperature from +5 to +25 °C twelve months, counted from the day of the delivery ex works.

During storage, product can tent to built light sedimentation. By moderate warming (50 °C) and stirring, sedimentation will disappear. The quality is not affected.