

Dispex® Ultra FA 4431

(Old: Efka® 6230)



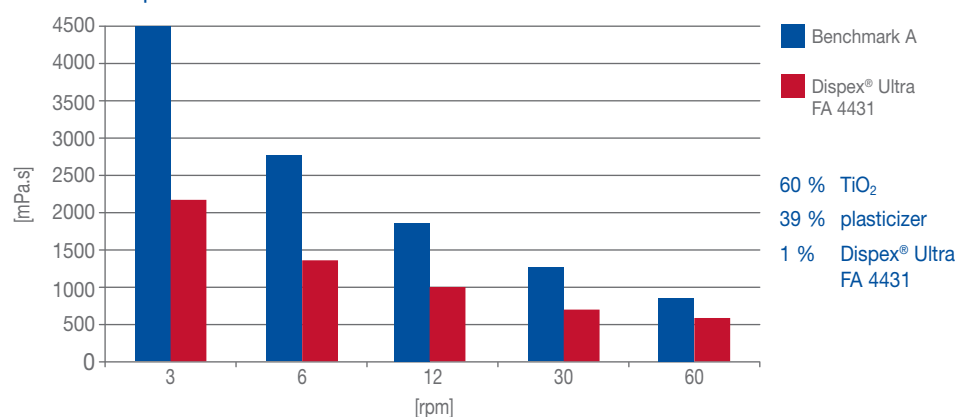
Wetting and dispersing agent for inorganic pigments and fillers in solvent-based, solvent-free and water-based systems

Dispex® Ultra FA 4431 can be used in all solvent-based and solvent-free industrial and decorative coating systems. It is especially suitable for the wetting, dispersing and stabilizing of inorganic pigments and fillers in solvent-free epoxy and polyurethane systems, e.g. flooring or pipeline coatings.

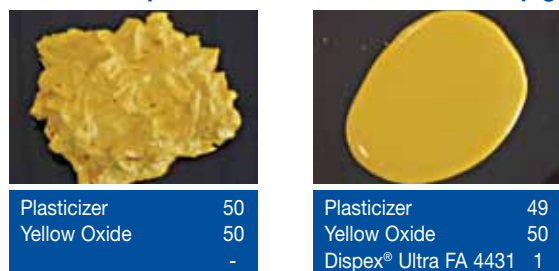
It can also be used to decrease the viscosity of water-based, resin-free inorganic pigment concentrates based on high-molecular-weight dispersing agents such as Dispex® Ultra PA 4550.

Additionally Dispex® Ultra FA 4431 is suitable for dispersing and stabilizing inorganic pigments and fillers in water-based decorative paints based on acrylic emulsions, achieving better rheology and improved gloss with 60% TiO₂.

Viscosity depressing effect in plasticizer based TiO₂ concentrate Brookfield Spindle 4



Effect of dispersant on flow of Yellow Oxide pigment paste



Dispex® Ultra FA 4431: Characteristic Values

Property	Value
Appearance	clear yellowish liquid
Active ingredients	> 98 %
Acid value	~ 100 mg KOH/g

Performance Highlights

- Reduced grinding and dispersion time
- Improved gloss, leveling and flow
- Increased pigment loading in the mill base or pigment concentrate allowing to achieve VOC-level < 250 g/l in highly filled solvent-based systems



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