

Dispex[®] Ultra FA 4416

(Old: Hydropalat[®] 216)



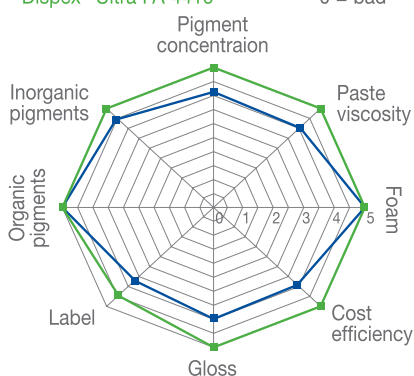
Dispersant for organic & inorganic pigment concentrates, tint bases and factory finished paints

Dispex[®] Ultra FA 4416 can be used as a sole dispersant in aqueous tints or factory finished, mixed pigment paints. In addition, it is suitable for aqueous inorganic pigment concentrates and slurries. It is a low foaming, higher efficiency alternative to inflexible polymeric and alkyl blocked APEO-based universal wetting/dispersing aids.

Performance comparison against benzyl blocked APEO

— Benzyl blocked APEO
— Dispex[®] Ultra FA 4416

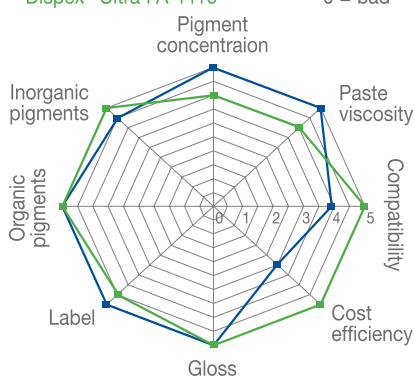
5 = excellent
0 = bad



Performance comparison against polymeric dispersant

— Polymeric dispersing agent
— Dispex[®] Ultra FA 4416

5 = excellent
0 = bad



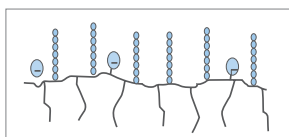
Performance Highlights

- Single dispersant for organic & inorganic pigments
- Higher efficiency compared to polymeric dispersing agents and alkyl blocked APEO
- Improved gloss & compatibility
- Improved color development with inorganic pigments

Sustainability Highlights

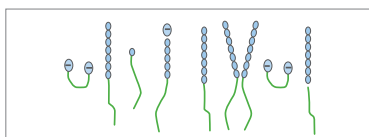
- ~ 40% lower dosage as supplied due to higher active
- Based on renewable raw materials
- APEO-free
- < 2% VOC acc. to US-EPA Method
- Low odour

Smart combination of actives based on renewable raw materials



Polymeric dispersant
mainly petro-based

- ⚠ rigid composition
- ⚠ low solids content (40%)
- ⚠ lower cost-efficiency



Dispex[®] Ultra FA 4416
mainly naturally derived

- ✔ flexible design for best performance
- ✔ 75% active content
- ✔ improved resin compatibility

Dispex[®] Ultra FA 4416 is a combination of anionic and non-ionic wetting / dispersing aids at 75% actives compared to 40% actives for benchmark polymeric products.

Dispex[®] Ultra FA 4416: Characteristic Values

Property	Value
Appearance	yellow, viscous liquid
pH	~ 7
Density at 20 °C (68 °F)	~ 1.05 g/cm ³
Viscosity 23 °C (73 °F)	~ 850 mPa·s
Active content	~ 75%



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