TAKE YOUR INKS TO THE NEXT LEVEL OF PERFORMANCE WITH

TEGO® Dispers 695

Novel hyperdispersant for radiation-curing inks and solventborne PU inks

Hyperdispersants

Pigment wetting and dispersing additives (often simply called dispersants) are needed to ensure good pigment wetting, viscosity reduction and color strength development during the pigment grinding process for inks and coatings. If chosen well, they also stabilize the achieved pigment dispersion over time.

Hyperdispersants are known to be particularly suited for fast pigment wetting and high efficiency especially with organic pigments and carbon blacks. Consequently, they often are the first choice for radiation-curing and solventborne ink grinds.

Why develop a new hyperdispersant technology?

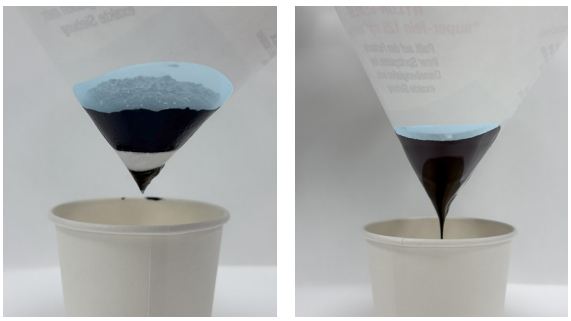
But also well established hyperdispersants have their limitations when it comes to grinding critical pigments and/or when high pigment loadings need to be achieved.

The absence of solvents in radiation-curing inks creates rheological challengers. In inkjet inks a very uniform, small particle size needs to be achieved and stabilized. Many solventborne PU inks need improvement of grinding and rheological performance.

TEGO® Dispers 695
has been developed to take the performance of

- radiation-curing printing inks
- radiation curing inkjet inks
- solventborne PU inks

to the next level.



Low viscosity and easy filtration with PV23 in GPTA

left: with benchmark dispersant for RC inks
right: with TEGO® Dispers 695

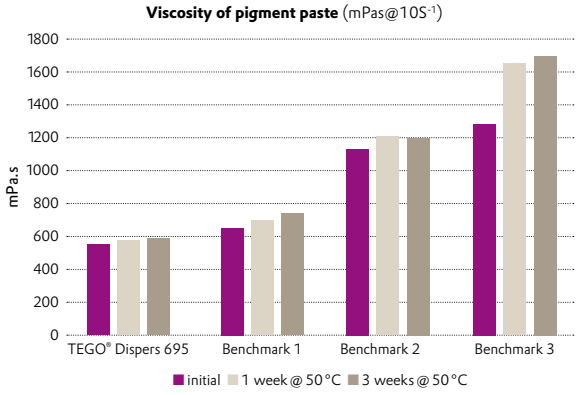
Click or scan the QR-code for more information!

EVONIK
Leading Beyond Chemistry

2025-10

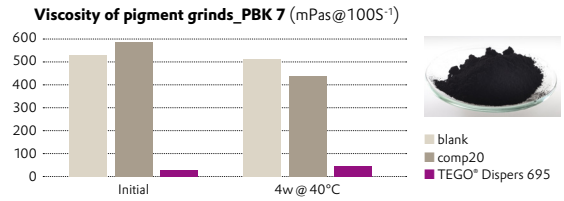
Key Benefits of TEGO® Dispers 695

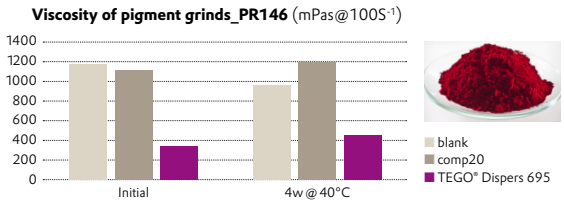
- Shortest possible grinding time
- Low grind viscosity – even with critical pigments
- Excellent viscosity stability upon storage
- Avoidance of thixotropy – excellent flow and filtration
- Superior color strength development and low particle size
- Outstanding pigment stabilization
- Suitable for all kinds of pigments

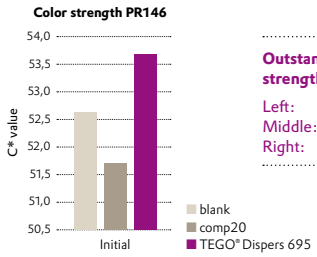


Superior viscosity reduction and viscosity stability in RC ink grind with TEGO® Dispers 695 (30 % carbon black in GPTA, 6 % dispersant)

Viscosity measurement first day, after 1 and 3 weeks storage @50 °C







Outstanding viscosity reduction and color strength in solventborne PU grind

Left: PU grind, blank
Middle: reference product
Right: with TEGO® Dispers 695

Product details TEGO® Dispers 695

- High viscosity liquid, 100 % active matter
- Novel, highly polymeric hyperdispersant technology (patent filed)
- Available from January 2026 onwards, not yet available in the US and Canada

More information and test results ...

Learn more about our cobinder portfolio in inks on **www.coatino.com/campus**

Any questions?

evonik.click/contact
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