

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 challenges. 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

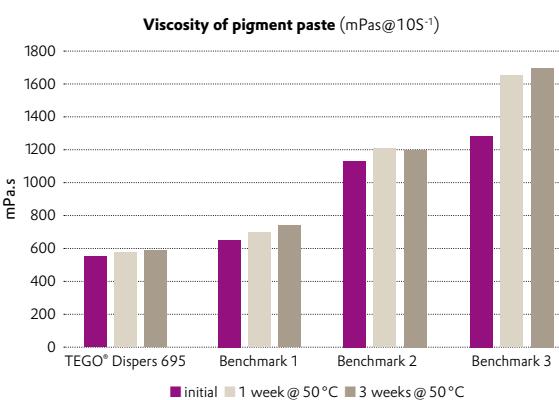
left: with benchmark dispersant for RC inks  
right: with TEGO® Dispers 695



Click or scan the QR-code  
for more information!

## Key Benefits of TEGO® Dispers 695

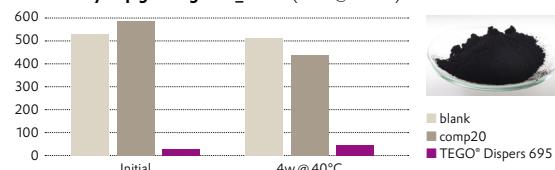
- Shortest possible grinding time
- Low grind viscosity – even with critical pigments
- Excellent viscosity stability upon storage
- Avoidance of thixotropy – excellent flow and filtration
- Superior color strength development and low particle size
- Outstanding pigment stabilization
- Suitable for all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



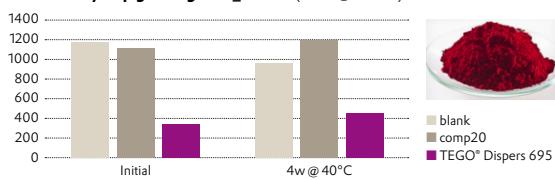
**Superior viscosity reduction and viscosity stability in RC ink grind with TEGO® Dispers 695 (30% carbon black in GPTA, 6% dispersant)**

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

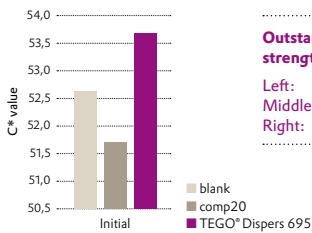
## Viscosity of pigment grinds\_PBK 7 (mPas@100S<sup>-1</sup>)



## Viscosity of pigment grinds\_PR146 (mPas@100S<sup>-1</sup>)



## Color strength PR146



## 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](http://www.coatino.com/campus)

## Any questions?



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