

Efka[®] PU 4046

(Old: Efka[®] 4046)

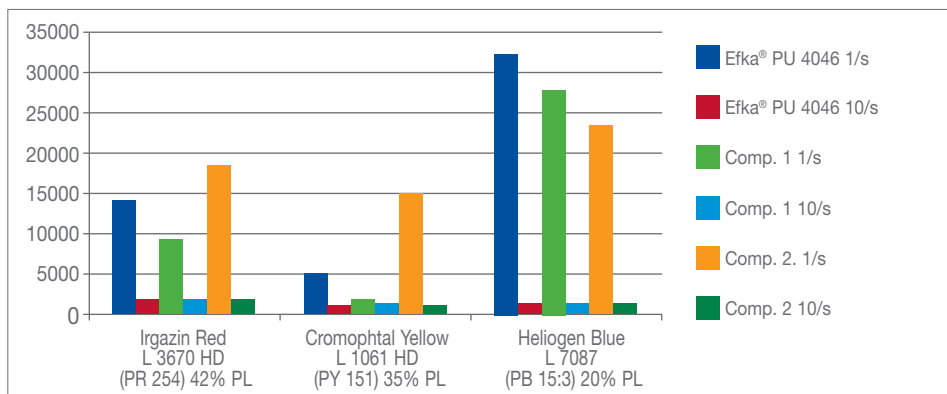
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We create chemistry

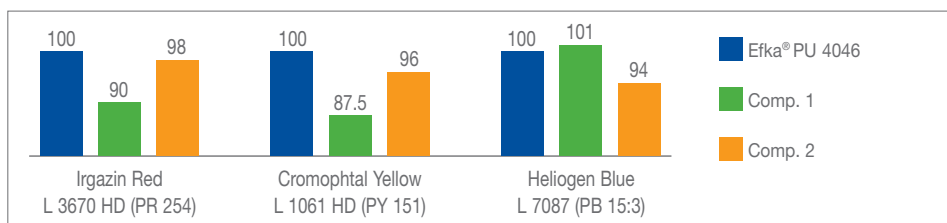
High molecular weight, polyurethane dispersing agent for solvent-based coatings and for pigment concentrates

Efka[®] PU 4046 is a polymeric dispersant based on polyurethane chemistry for dispersing inorganic and organic pigments. It is used in all kinds of solvent-based coatings, from long oil alkyds to high-end 2K PUR systems. The true value of Efka[®] PU 4046 is in the application of universal pigment concentrates. It has a wide compatibility and, for that reason, it helps to improve gloss, to reduce flooding problems, and to develop higher color strength.

Pigment concentrates with Efka[®] PU 4046 in Laropal A81 Viscosity in mPa.s of the millbase at shear rates 1/s and 10/s



Relative color strength in a 2 K PUR white base: 10/90 white reduction with Red & Yellow and 5/95 white reduction with blue



Efka[®] PU 4046: Characteristic Values

Property	Value
Appearance	clear, slightly yellowish liquid
Active ingredients	~ 40%
Amine value	~ 19 mg KOH/g
Solvent	n-butyl acetate/methoxypropyl acetate/2-butanol
Density at 20°C (68 °F)	~ 0.99 g/cm3
Flash point	24 °C (75°F)
Color Gardner	≤ 3

Performance Highlights

- Wide compatibility
- Improved gloss
- Reduced flooding problems
- Higher color strength
- Lower viscosity
- Good stabilizing properties



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