

**PRODUCT  
NEWS**

08/2020



## Liopur PFL 3046

Solvent-free, aqueous, aliphatic, anionic stabilized polyurethane dispersion

Liopur PFL 3046 for use in low solvent wood and plastic coatings

### FIELDS OF APPLICATION

**Liopur PFL 3046** is for use in low solvent wood and plastic coatings with transparent, non-tacky, flexible and elastic films. Due to its polymer composition Liopur PFL 3046 is characterized by a very good adhesion to various plastic substrates. In addition to good chemical resistance and scratch resistance, excellent abrasion resistance is also important for these coatings.



### HIGHLIGHTS

- for use in low solvent wood and plastic coatings
- for coatings with excellent abrasion and scratch resistance
- Coating films are transparent and tack-free
- based on not yellowing, fatty acid modified polyester
- small particle size
- Solvent free, surfactant free and TEA-free
- high tear strength
- also suitable as co-binder for premium 1C decorative laquers
- very good hydrolysis resistance, therefore also suitable for base-coat formulations

**PROPERTIES AND TECHNICAL DATA**

Particle size	approx. 50 nm
Viscosity/ 23°C	30-250 mPas
Non-volatile content	34 +/- %
Minimum film-forming temperature	< 20 °C
Tear strength (Zwick-Material testing)	ca. 8 N/mm <sup>2</sup>
Elongation at break (Zwick-Material testing)	ca. 500 %


**SAMPLING**

Ordering samples of **Liopur PFL 3046** can be done easily on our website.

**CONTACT**

If you are interested in more information about our products please contact your known person in charge from the sales or research and development department or our headquarters directly under following references:

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