



## EFKA® PB 2770

Silicone-free, 100% defoamer for radiation curing systems; offering excellent foam-breakdown and outstanding compatibility

### Performance highlights

- Excellent foam-breakdown and outstanding compatibility with various energy curable oligomers and monomers
- Silicone-free defoamer for universal use in clear and pigmented UV curable inks and coatings with excellent re-coatability
- Improved gloss and transparency

### Characteristic values

Appearance	Clear, yellowish liquid
Active content	100%
Density at 20°C	~0.96 g/cm <sup>3</sup>
Viscosity at 25°C	~1,800 mPa.s



To minimize foaming issue during production and printing process Efka® PB 2770 can help ink formulators overcoming this challenge!

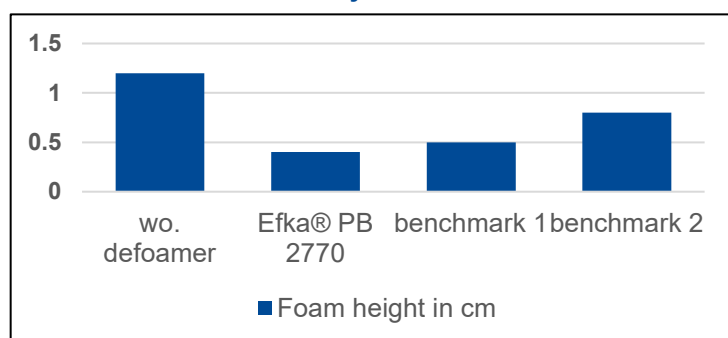
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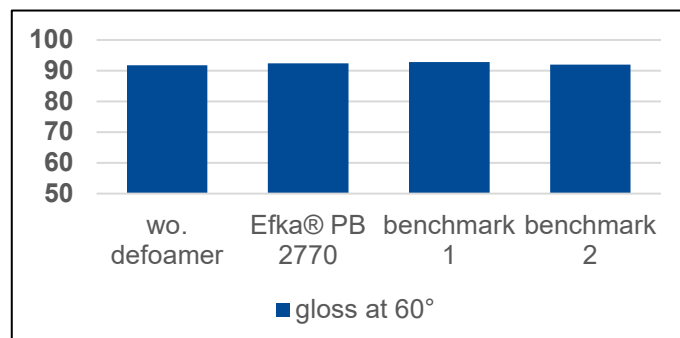
EFKA PB 2770 can support the successful application of UV cured inks to both flexible and hard surfaces.

EFKA PB 2770 is a polymer based defoamer, which has high compatibility with various acrylate oligomers and monomers, such as epoxy acrylates and polyether acrylates. This 100% solid defoamer is highly suitable for use in UV inks and coatings and prevents foam formation during ink preparation, as well as the printing process. The chemical architecture of EFKA PB 2770 also enables low VOC and provides minimal impact on clarity, a highly desired feature.

Foam height of OPV based on Epoxy/ Polyether Acrylates



Gloss of OPV based on Epoxy/ Polyether Acrylates



EFKA PB 2770 outperformed industrial defoamer products in reducing foam formation. Additionally, it does not show any negative impacts on optical properties. Defoaming tests were conducted by stirring the OPV sample for 1 min @2000 RPM in a 250 mL glass jar, then the foam height [cm] was measured immediately after stirring. The OPV sample is composed of Laromer® PO 94 F, a polyether acrylate; Laromer® LR 8986, an epoxy acrylate; and Laromer® LR 8863, ethoxylated TMP.

## Product benefits of EFKA PB 2770:

- Silicone-free
- Excellent foam-breakdown
- Universally in UV curable inks

## Contacts

Please contact our technical service department for more help on formulating with products from the XXXXX product line.

**Asia**  
BASF East Asia Regional HQ Ltd.  
45/F., Jardine House  
No.1 Connaught Place  
Central  
Hong Kong  
formulation-additives-Asia  
@basf.com

**Europe, Africa, West Asia**  
BASF SE  
Formulation Additives  
67056 Ludwigshafen  
Germany  
formulation-additives-Europe  
@basf.com

**North America**  
BASF Corporation  
11501 Steele Creek Road  
Charlotte, NC 28273  
USA  
formulation-additives-nafta  
@basf.com

**South America**  
BASF S.A.  
Rochaverá- Crystal Tower  
Av. das Nações Unidas, 14.171  
Morumbi - São Paulo-SP  
Brazil  
formulation-additives-south-America  
@basf.com

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