



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 ³
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!

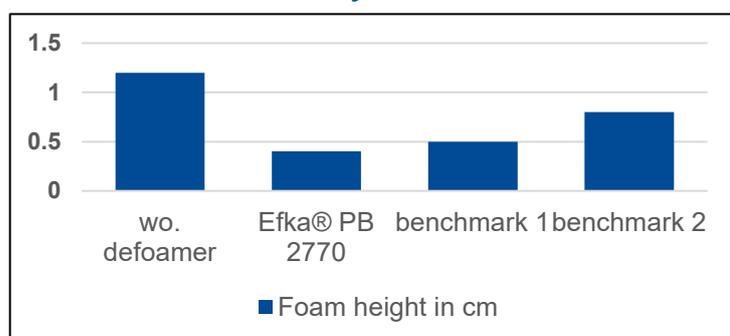
EFKA PB 2770

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

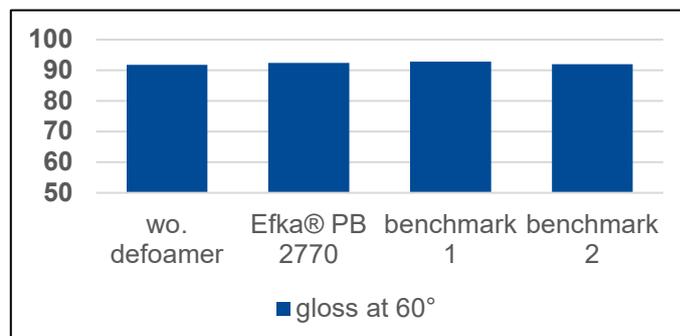
EFKA PB 2770 can support the successful application of UV cured inks to both flexible and hard surfaces.

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

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. The agreed contractual quality of the product results exclusively from the statements made in the product specification. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed. When handling these products, advice and information given in the safety data sheet must be complied with. Further, protective and workplace hygiene measures adequate for handling chemicals must be observed. (01/2018)

© = Registered trademark of the BASF Group