

EFKA® PX 4701

High molecular weight dispersing agent for high-performance inkjet, automotive, and industrial coatings

Performance highlights

- Strong viscosity reduction
- Excellent storage stability
- Broad compatibility towards different ink systems and pigments
- Improves color strength of organic pigments
- Efficient in dispersing carbon black
- Excellent in stabilizing organic pigments in low viscosity systems
- Suitable for various UV applications, but also for solvent-based and 100% systems in industrial and automotive coatings

Sustainability highlights

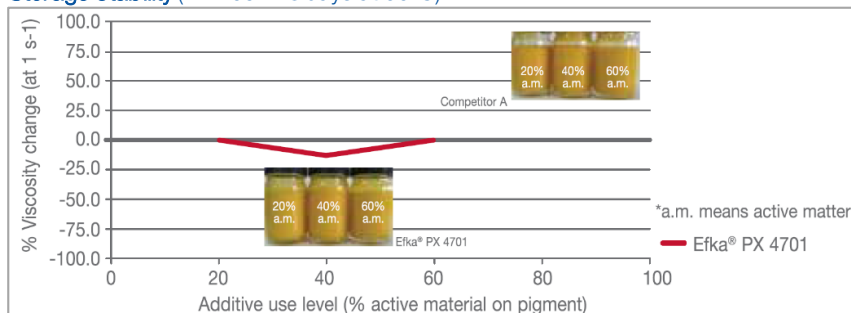
- Low-VOC (< 2.5%)
- 100% solids
- Recommended for use in solvent-free and solvent-based systems

EFKA PX 4701

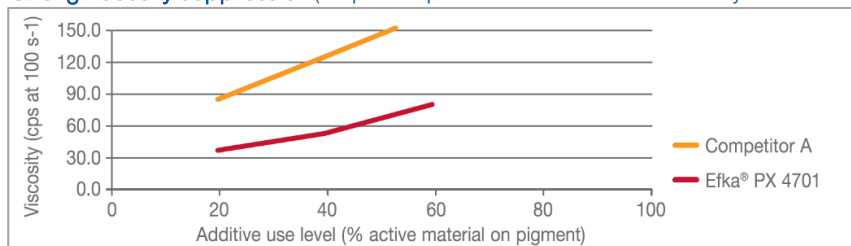
High molecular weight dispersing agent for high-performance inkjet, automotive, and industrial coatings

EFKA PX 4701 is a highly efficient dispersing agent for organic pigments and is especially suitable for carbon blacks. It is a 100% active dispersing agent based on our advanced polymer technology and is especially recommended for high-performance systems such as inkjet inks, UV-curable, and water-based flexographic inks. EFKA PX 4701 is well-suited for use with the concept of resin-free pigment concentrates (RFPC) in UV-curable and solvent-based systems and is applicable as a general-purpose dispersant. It can be applied for both mild- and strong-solvent-based as well as solvent-free industrial and automotive applications.

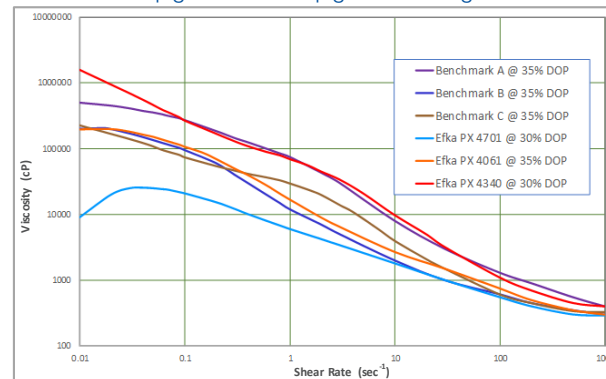
Storage stability (PY 109 : 28 days at 50°C)



Strong viscosity suppression (Dispersion performance – millbase viscosity with PY 109)



Superior dispersing in solvent-based acrylic system FW 200 black pigment @ 18% pigment loading

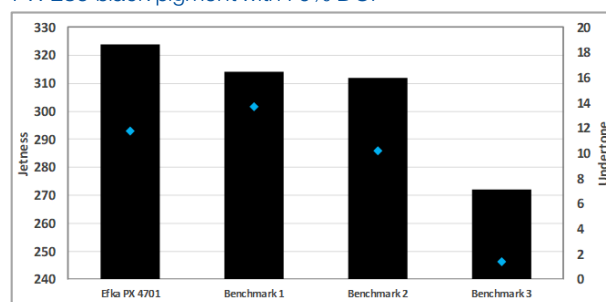


EFKA PX 4701 characteristic values

Property	Value
Appearance	Amber to brownish liquid
Active ingredients	~ 100%
Amine value	~ 40 mg KOH/g



Excellent color performance in automotive basecoat FW 285 black pigment with 70% DOP



Contacts

Please contact our technical service department for more help on formulating with products from the dispersant 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
www.basf.us/dpsolutions

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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