

Efka[®] PX 4785

Solvent-based high-performance reactive dispersing agent

Performance Highlights

- Cross-linkable with isocyanate and melamine-based resin systems for optimal hardness and improved solvent resistance
- Exponentially lower pigment paste viscosity at lower addition levels
- Exceptional jetness for carbon black pigments
- Excellent gloss development

Characteristic Values

Appearance	Brownish, high-viscous liquid
Amine Value	~15mg KOH/g
Solid Content	~52%
Solvent	Methoxypropanol Acetate



Suitable for automotive and high performance industrial coatings

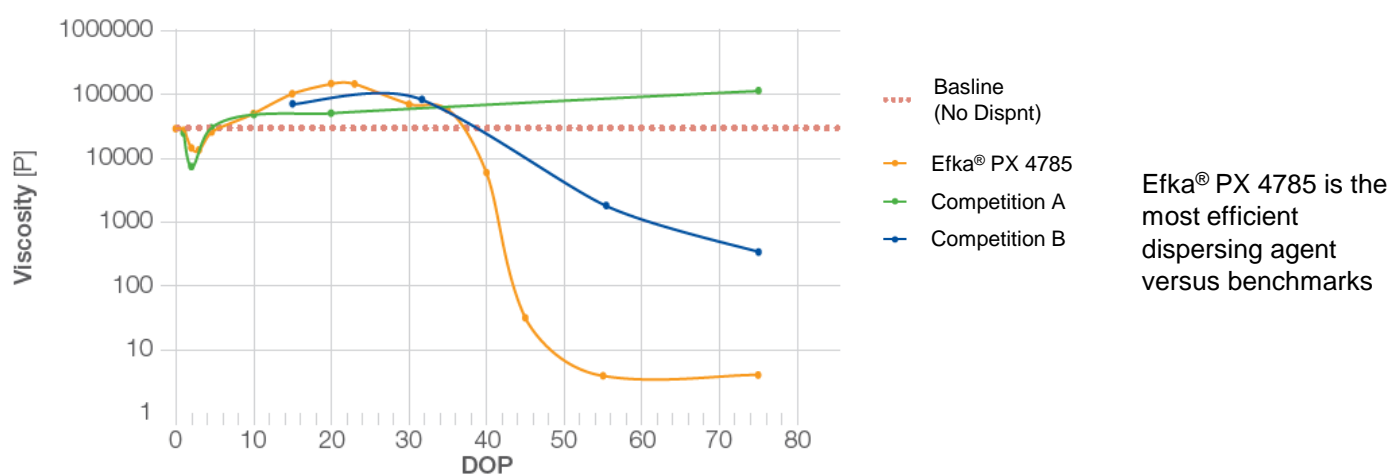
Efka® PX 4785

Solvent-based reactive dispersing agent Superior efficiency, fantastic performance

Changing the efficiency – performance dynamic

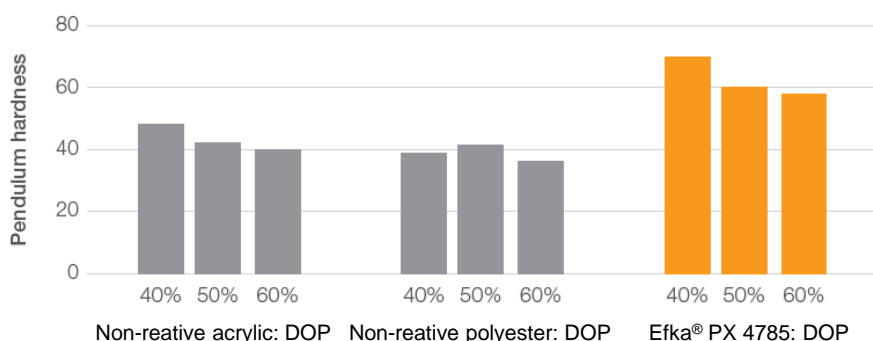
Pigment dispersants form an essential part of a pigmented coating formulation. Their use normally has a positive influence on properties, such as grinding efficiency, color development and transparency – but physical properties of the coating are often negatively impacted. **Efka® PX 4785 changes this dynamic.** When cross-linked with the main resin matrix, it can achieve excellent dispersing efficiency, while also significantly reducing the usual negative impact on coating properties, such as solvent resistance and hardness.

Monarch 1300: Comparative Viscosity vs DOP at 0.016 sec-1 (Low Shear); 16% PP; Hr Scandex



Efka® PX 4785 is the most efficient dispersing agent versus benchmarks

Pendulum Harness 2KPU Topcoat Formulation – 20% Pigment Paste



Efka® PX 4785 provides highest pendulum hardness (Irgazin Red / PR 254 paste formulation)

Contacts

Please contact our technical service department for more help on formulating with products from the Dispersing Agents 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 Steel 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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