

Efka[®] PX 4780

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	~20mg KOH/g
Solid Content	~100%
Solvent	None



Suitable for automotive and high performance industrial coatings

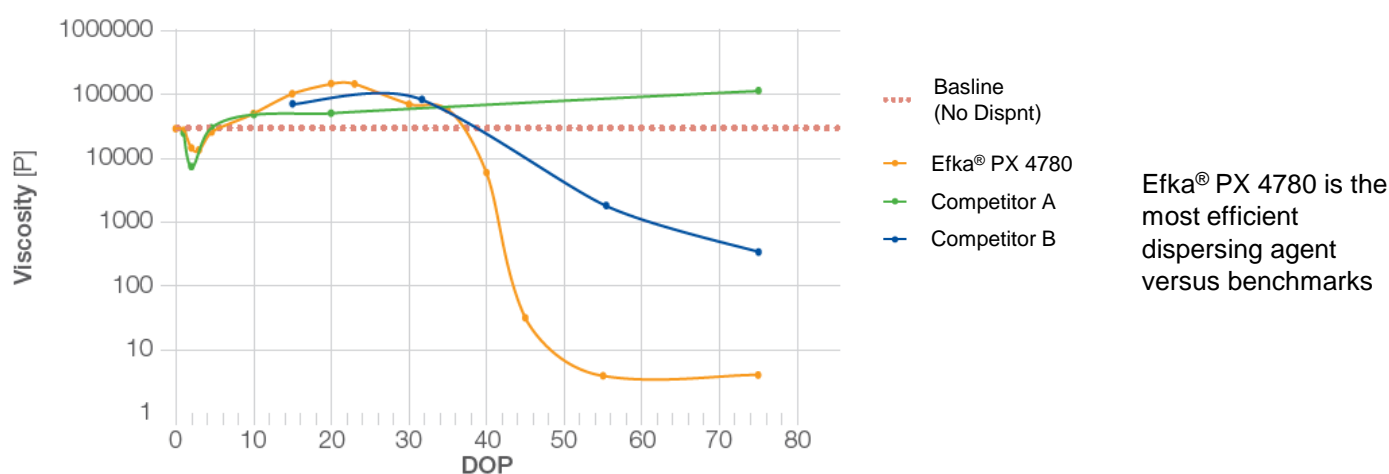
Efka® PX 4780

Solvent-based reactive dispersing agent Superior efficiency, fantastic performance

Changing the efficiency – performance dynamic

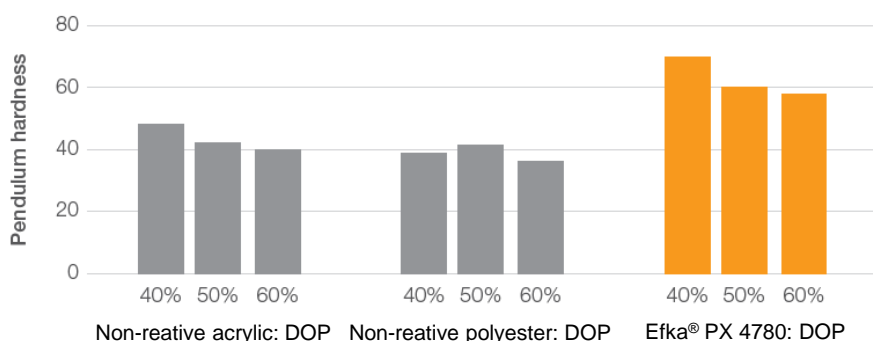
Pigment dispersants form an essential part of a pigmented coating formulation. Their use normally has a positive influence on properties, such as grinding efficiency, color development and transparency – but physical properties of the coating are often negatively impacted. **Efka® PX 4780 changes this 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 4780 is the most efficient dispersing agent versus benchmarks

Pendulum Harness 2KPU Topcoat Formulation – 20% Pigment Paste



Efka® PX 4780 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.

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