

Efka® PX 4320

(Old: Efka® 4320)

BASF

We create chemistry

Acrylic block-copolymer based dispersing agent for high performance organic pigments

Efka® PX 4320 is made by CFRP technology (Controlled Free Radical Polymerization Technology), which allows for production of polymeric dispersing agents with defined polymer architecture and a low poly-dispersity index. It offers high efficiency in stabilizing pigments and demonstrates a wide compatibility with many resin systems in solvent-based industrial and automotive coatings.

Efka® PX 4320 is highly suited for use in Resin-Free Pigment Concentrates designed for a wide range of solvent-based industrial systems like e.g. in coil coatings (Polyester/ Melamine) and plastic coatings (high- and low-Tg thermoplastic acrylics).

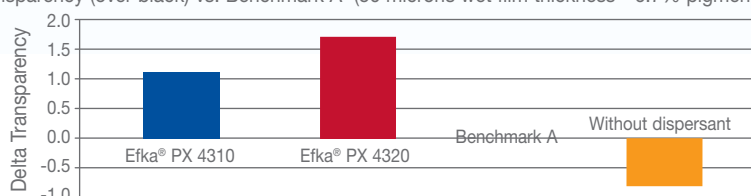
Besides excellent wetting and dispersing properties for HCC Carbon Black, Efka® PX 4320 is demonstrates excellent properties with high performance organic pigments, especially when transparency is required in automotive applications with Perylene pigments (PR 179).

Performance Highlights

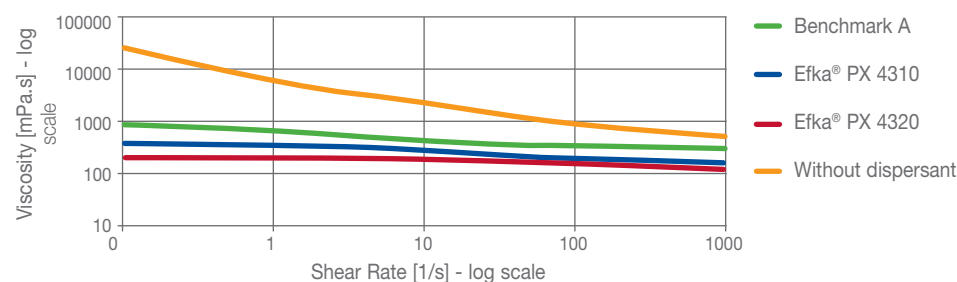
- Improves color development with organic pigments
- Highly suitable for optimum dispersion of carbon blacks
- Viscosity reduction at high pigment concentration in the grinding stage

Efka® PX 4320 demonstrates highest transparency

Transparency (over black) vs. Benchmark A (50 microns wet film thickness - 6.7% pigment loading)

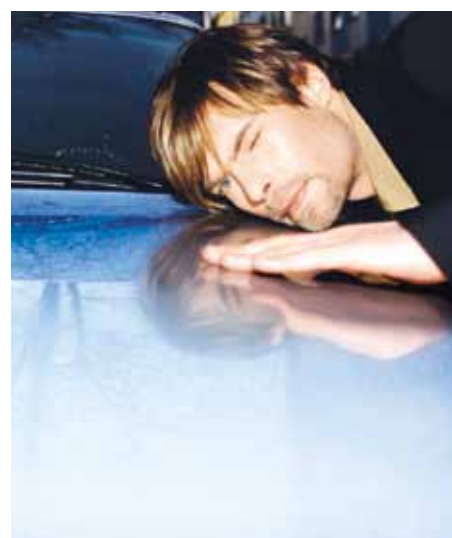


Efka® PX 4320 demonstrates lowest viscosity



Efka® PX 4320: Characteristic Values

Property	Value
Appearance	clear, slightly orange liquid
Active ingredients	~ 50 %
Amine value	~ 28 mg KOH/g
Solvent	1-methoxy-2-propyl acetate
Density at 20°C (68 °F)	~ 1.04 g/cm ³
Flash point	42 °C (113°F)
Color	≤ 9



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