

# Efka® PA 4450

(Old: Texaphor® 3250)

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## Polymeric dispersing agent for inorganic and organic pigments in non-aqueous, polar and non-polar coatings

Efka® PA 4450 can be used in all systems independent from their polarity, i.e. from low to very high polarity, e.g. alkyds, polyesters and acrylics.

Efka® PA 4450 is used in combination with all commonly used solvents and shows good solubility, even with low polarity solvents like Isopar H (isoparaffins).

Additionally, it shows excellent performance when used as a dispersant in pigment pastes.

### Performance Highlights

- Reduced grinding time
- Increased color strength
- Prevention of flocculation of pigments
- High compatibility / solubility in very low polar solvents

### Pigment pastes for solvent-based systems with a combination of Efka® PA 4450 and Worleekyd P 151 (100%)

Pigment	PR 101	PR 170	PG 7	PB 15:3	PBk 7
Alkyd-resin, 100% (Worleekyd P 151)	9,0	15,0	18,0	18,0	18,0
Efka® PA 4450	4,0	15,0	15,0	15,0	15,0
Isopar H	26,2	30,0	42,0	42,0	45,0
Bentone SD 1	0,8	-	-	-	-
<b>Premix, Dissolver</b>					
Pigment	60,0	40,0	25,0	25,0	22,0
<b>Dissolver + Pearlmill</b>					
Total (parts by weight)	100,0	100,0	100,0	100,0	100,0

Remark: Resin mix of solvents and Efka® PA 4450 requires time to become a complete homogeneous solution

### Efka® PA 4450: Characteristic Values

Property	Value
Appearance	Clear liquid
Active ingredients	50%
Acid value	110
Solvent	50
Density at 20°C (68 °F)	~ 1.02 g/cm <sup>3</sup>



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