

A new high molecular weight dispersing additive for solvent based systems, especially universal solvent based colourants.

ADD additives presents a new product with unique features. **ADD-4100** is a new High Molecular Weight Dispersant for general industrial solvent based coatings, automotive coating, as well as for pigment concentrates. **ADD-4100** shows excellent pigment stability, viscosity, wide compatibility and high colour strength.

Example: Pigment concentrates based on ADD-4100 v.s. competition tested in an Alkyd paint.



ADD-4100 is a new High Molecular Weight Dispersant, polyurethane-based combined with polyether and acidic groups. It prevents re-flocculation of organic and inorganic pigments through steric hindrance and therefore stabilizes the color strength and hue of pigments in paints and pigment concentrates.

ADD-4100

Active ingredients : 50%
 Solvents : Butylacetate/methoxypropylacetate/
 s-butanol/arom. hydrocarbons
 Density at 20 °C : 1.00 g/cm³ DIN 51757
 Appearance : clear yellow to brownish liquid

Advantages are:

- Improved color strength
- Lower viscosity
- Higher gloss
- Reduced dispersion time

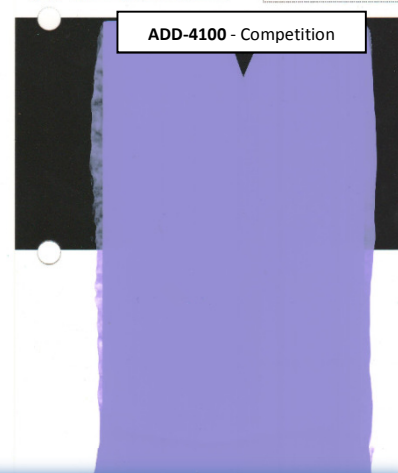
ADD-4100 enhances processing of pigment bases during grinding and enables higher pigment loads to be achieved. It is very compatible in most solvent based applications like alkyd, 2C-Polyurethan, acrylic and nitrocellulose.

Guide formulations based on ADD-4100:

	Kronos 2310 PW 6	TCY 074 PY 74	Special Black 100 PBk 7	Bayferrox Red 130M PR 101	Heliogen Bleu 7085 PB15:3	TCR 25402 PR 254	Violet RL Spec PV 23
Laropal A81 60% in MPA	14,0	28,0	24,0	16,0	35,0	35,0	20,0
ADD-4100	1,4	6,0	12,8	3,8	8,2	5,6	9,2
Tixogel MPZ	2,0		-	2,0	-		-
Solveso100	6,3	15,3	17,6	6,6	17,9	19,7	27,9
Dowanol PMA	6,3	15,7	17,6	6,6	17,9	19,7	27,9
Pigment	70,0	35,0	28,0	65,0	21,0	20,0	15,0
	100,0	100,0	100,0	100,0	100,0	100,0	100,0

Date: _____
 Customer: _____
 Product: _____
 Trial: _____
 Thickness: _____ μm
 Gloss 20° 60° 85° _____

Techno^oplar



Example: Pigment concentrate PV 23 tested in 2 C-PU.