

Novavit[®] Eco Mix BIO

Sheetfed Offset Mixing System

Characteristics	<p>Novavit[®] Eco Mix BIO is a modern series of mixing inks consisting of 13 basic inks, black, transparent white and opaque white.</p> <p>The series is ideally suited for mixing ink according to the PANTONE[®] Color Formula Guide.</p> <p>The series was formulated to be mineral oil free and low VOC. This makes possible optimal wetting of the pigments in the ink, little misting and a very good ink-water balance.</p> <p>The strengths of the Novavit[®] Eco Mix BIO series are high brilliance, good absorptive properties and, therefore, rapid processing with good stacking qualities and good rub resistance.</p> <p>The series is both excellently suited for the latest-generation and older-design presses.</p>														
Drying behavior	Duct-fresh														
Substrates	Ideally suited for coated paper, suitable for uncoated paper and carton board.														
Printing properties	<table> <tr> <td>Dot gain</td><td>5</td></tr> <tr> <td>Gloss</td><td>5</td></tr> <tr> <td>Setting</td><td>5</td></tr> <tr> <td>Oxidative drying/rub resistance</td><td>5</td></tr> <tr> <td>Suitability for coated paper</td><td>7</td></tr> <tr> <td>Suitability for uncoated paper</td><td>6</td></tr> <tr> <td>Suitability for carton board</td><td>6</td></tr> </table>	Dot gain	5	Gloss	5	Setting	5	Oxidative drying/rub resistance	5	Suitability for coated paper	7	Suitability for uncoated paper	6	Suitability for carton board	6
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Oxidative drying/rub resistance	5														
Suitability for coated paper	7														
Suitability for uncoated paper	6														
Suitability for carton board	6														
	<p>1 = Characteristic barely evident 7 = Characteristic strongly evident</p>														
Remarks and special information	<p>The basic inks of the Novavit[®] Eco Mix BIO series are ideal for mixing according to the formulations of the PANTONE[®] Color Formula Guide. Naturally, the inks can also be used for single printing.</p> <p>The series can be completed by the Easy Mix inks with special resistances.</p>														

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The aim of our technical documents is to inform and advise our customers. However, the transferability of general values known from experience and laboratory results to concrete practical applications depends on a number of factors which are beyond our control. We therefore ask for your understanding that these advice documents cannot be used as the basis for claims in law.

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PANTONE[®] is a registered trademark of PANTONE, Inc.

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Novavit[®] Eco Mix BIO – The complete range in overview

For standard mixtures without special fastness requirements.

Basic Inks		Opacity and Fastness					
Product Code	Pantone Color	Light	Opacity	Alcohol	Solvent Mixture	Alkali	NaOH resistance
VI62-100I	Yellow	5	t	+	+	+	+
VI62-112I	Yellow 012	5	t	+	+	+	+
VI62-221I	Orange 021	5	t	+	+	+	+/-
VI62-300I	Warm Red	2-3	so	+	+/-	-	-
VI62-332I	Red 032	5	so	+	-	+	+
VI62-301I	Rubine Red	5	t	+	+	-	-
VI62-302I	Rhodamine Red	3	t	-	-	-	-
VI62-400I	Purple	2-3	t	-	-	-	-
VI62-401I	Violet	3-4	t	-	-	-	+/-
VI62-500I	Reflex Blue	3	t	-	-	+	+/-
VI62-501I	Process Blue	8	t	+	+	+	+
VI62-572I	Blue 072	4	t	+/-	-	-	-
VI62-600I	Green	8	t	+	+	+	+

Black, Transparent White and Opaque		Opacity and Fastness					
Product Code	Color	Light	Opacity	Alcohol	Solvent Mixture	Alkali	NaOH resistance
VK62-960I	Black	8	o	+	+	+	+
VI62-000I	Transparent White		t				
VI62-001I	Opaque White		o				

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o = opaque
so = slightly opaque
t = transparent

Light fastness: according ISO 12040 from 1 (low) to 8 (high)

Fastnesses: according ISO 2836

+ = resistance provided
+/- = resistance provided to a limited degree
- = resistance not provided

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