



*Rely on us.*SM

Novaform[®] E 80

The series especially for further processing in Océ laser printers

Special process inks and base colour ink series for sheetfed offset

Product Features

- Based on renewable raw materials, Novaform[®] E 80 is a colour strength ink series for continuous stationery printing and sheetfed offset that can be further processed in Océ laser printers when suitable substrates and sufficient drying times are considered.
- The series consists of the process colours and 11 mono-pigmented base colours as well as transparent white and black.
- Due to the high colour strength the series can also be printed with low layer thickness.
- The benefit of Novaform[®] E 80 is the very fast oxidative drying.

Advantages of Novaform[®] E 80

- Especially developed for further processing in Océ laser printers.
- Very fast oxidative drying.
- High colour strength.
- BIO-binders – based on renewable raw materials.

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Novaform® E 80

	Fastness properties/Opacity					Printing properties								
	Light fastness	Alcohol	Solvent mixture	Alkali	Opacity	Dot gain	Gloss	Setting	Oxidative drying	Rub resistance	Rapid further processing	Suitability for gloss coated papers/board	Suitability for uncoated papers/board	Suitability for matt coated papers/board
Novaform® E 80						5	5	3	7	5	5	3	6	3
Novaform® 1 E 80 Yellow	5	+	+	+	t	1 = Characteristic weakly expressed 7 = Characteristic strongly expressed								
Novaform® 2 E 80 Magenta	5	+	+	-	t	The assessment of the colour properties was made under standardised printing conditions. In individual cases, under special conditions, as in printing with very high ink densities, the classification of certain properties may be different.								
Novaform® 4 E 80 Cyan	8	+	+	+	t									
Novaform® 80 Black, fast	8	+	+	+	o									
Novaform® E 80 224 038 Yellow 012	5	+	+	+	t									
Novaform® E 80 224 039 Orange 021	5	+	+	+	t									
Novaform® E 80 223 565 Red 032	5	+	-	+	so									
Novaform® E 80 224 029 Warm Red	2-3	+	+/-	-	so									
Novaform® E 80 224 031 Rhodamine Red	3	-	-	-	t									
Novaform® E 80 224 032 Purple	2-3	-	-	-	t									
Novaform® E 80 224 033 Violet	3-4	-	-	-	t									
Novaform® E 80 223 564 Reflex Bue	3	-	-	+	t									
Novaform® E 80 224 040 Blue 072	4	+/-	-	-	t									
Novaform® E 80 224 035 Green	8	+	+	+	t									
Novaform® E 80 224 026 White	8	+	+	+	o									
Novaform® E 80 224 037 Transparent White														
Novaform® E 80 224 036 Mixing Black	8	+	+	+	o									
<p>The colour shades Yellow, Rubine Red, Process Blue and Dense Black correspond to the process colours Novaform® 1 E 80, 2 E 80, 4 E 80 and Novaform® 80.</p> <p>Light fastness properties according to ISO 12040: from 1 (low) to 8 (high)</p> <p>Fastness properties according to ISO 2836: + = Resistance provided - = Resistance not provided</p> <p>Opacity: o = opaque so = slightly opaque t = transparent</p>														

You are welcome to contact us for further information.

Flint Group
Print Media Europe
 Sieglestrasse 25
 70469 Stuttgart, Germany

T +49 711 98 16-0
F +49 711 98 16-700
printmedia.eu@flintgrp.com
www.flintgrp.com

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Novaform® E 80

Drying properties	Fast oxidative drying.
Substrates	Ideally suited for uncoated papers, suited for coated papers.
Remarks	Suited for printing work corresponding to ISO 12647-2. OCÉ® laser printers operate with direct contact between substrate and ink transfer medium (fuser belt). To avoid greasing of ink components on the fuser belt, the printing inks used for prints that are processed in OCÉ® laser printers must be completely dry; in particular on uncoated papers when using duct-fresh inks where the complete drying process can take a very long time. Novaform® E 80 is especially developed for further processing in OCÉ laser printers and dries thoroughly very quickly.
Special notes	The technical information of OCÉ must be considered. Due to the very fast drying of the ink series the ink should be removed from the rollers whenever the press has to be stopped.
Exceptions	Not for use on food packages without functional barrier.
Further Information	For further information regarding the suitability of printing inks for laser application as well as some general processing tips please refer to our corresponding Technical Review.

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Flint Group
Print Media Europe
Sieglestrasse 25
70469 Stuttgart, Germany

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