

PRODUCT INFORMATION SPECIFICATION

Date: March 2019

Rev. 3

NOVAJET DISPERSIONS FOR DIGITAL INKS

Cyan, Magenta, Yellow, Black, Green, Violet

Novajet products are innovative water based dispersions of high quality Organic Pigments, developed by a new technology for inkjet applications.

This series is characterized by some strengths that make it different from other products available on the market today:

- products must be only diluted with an humectant solution to be ready for use, the dilution ratio can be adjusted according to the operating conditions;
- no need to add any other resin as letting down phase, however, thanks to NOVAJET broad spectrum of compatibility, specific resins for specific substrates can be added to NOVAJET products;
- suitability to various substrates;
- narrow particle size graph;
- excellent stability over time.

TECHNICAL DATA

pH	8,5 - 9,0
Particle size distribution	< 200 nm
Poli-Dispersion index	0,10 - 0,20
Z potential	$\geq -43,00, \leq -31,00$ mV
Z potential Quality Factor	> 3 (very good)
Viscosity	10 - 50 Cps
Specific Weight	1,04 \pm 2%
Pigment Content	12 + 2

The technical data above stated are presented in good faith and to the best of our knowledge.

They should serve only as approximate guidance and therefore customers are kindly advised to test and ascertain the performance of our products in the operating conditions existing at their end, to satisfy themselves about their suitability in a given industrial application.

PRODUCT INFORMATION SPECIFICATION

Date: 20th April 2019

Rev.1

NOVAJET WHITE DISPERSIONS FOR DIGITAL INKS

NOVAJET WHITE is an innovative water based dispersion of Titanium Dioxide, developed by a new technology for inkjet applications, allowing to obtain a narrow particle size graph.

NOVAJET WHITE is characterized by an excellent stability over the time and it is suitable for use on various substrates.

NOVAJET WHITE must be only diluted with a humectant solution to be ready for use, the dilution ratio can be adjusted according to the operating conditions.

However, thanks to its broad spectrum of compatibility, specific resins for specific substrates can be added to NOVAJET WHITE.

TECHNICAL DATA	
pH	8,5 - 9,0
Poli-Dispersion index	0,20
Z potential	$\geq - 53,00, \leq -41,00$ mV
Z potential Quality Factor	> 6 (very good)
Viscosity	10 - 50 Cps
Specific Weight	1,16 \pm 2%
Pigment Content	23 + 2

The technical data above stated are presented in good faith and to the best of our knowledge.

They should serve only as approximate guidance and therefore customers are kindly advised to test and ascertain the performance of our products in the operating conditions existing at their end, to satisfy themselves about their suitability in a given industrial application.