

Typical chemical and physical properties

ADDAPT[®] ADDISP[™] 600N is an excellent solvent-free dispersant for TiO₂, mineral pigments and fillers. It is also excellently suitable for colorants and reactive pigments.

ADDAPT[®] ADDISP[™] 600N is a very low- and narrow molecular weight polyacrylate dispersant containing phosphate moieties and having a sodium cation.

Appearance	Clear, nearly colourless liquid
Colour Gardner	0 – 2.5
Viscosity at 25 °C	<250 mPa·s
Density at 25 °C	1.26 – 1.31 g/cm ³
Solid content	39 – 41 %
Mol. Wt.	ca. 3.000 – 3.200
Solubility Water	Miscible

This information is intended as a guideline only. For specifications please consult the Certificate of Analyses.

Applications and typical treat level recommended

Paint industry	Ceramic industry
Printing ink industry	Concrete industry
Paper coating industry	

Benefits

ADDISP[™] 600N is recommended for use in formulations with medium - high PVC (30 - 80 %).

The gloss of emulsion paint and lacquers is not influenced by the addition of ADDISP[™] 600N.

The product shows high glycol compatibility.

The very narrow molecular weight distribution of ADDISP[™] 600N guarantees a high effectiveness in dispersing properties.

In comparison with most dispersants the abrasion vales are significantly lower.

pH application range 4 – 13

ADDISP[™] 600N optimises the absorption of tinting pastes for emulsion paints.

Use of polyphosphates should be omitted under all circumstances when using ADDISP[™] 600N since the effect of polyphosphates is detrimental to the performance of ADDISP[™] 600N.

Ladder studies are recommended to determine concentration level.

ADDAPT[®] ADDISP[™] 600N

Safety and Handling	Please read Material Safety Data Sheet (MSDS) before handling.
Product Specification	This information is available on request through our local representative.
Packaging	This information is available on request through our local representative.
Shelf Life	When stored in closed containers above 0 °C, shelf life is 12 months

Quality Policy The objective of our quality policy is the continuous fulfilment of the internal and external requirements agreed upon with our partners with regards to everybody's performance.

The Quality System of ADDAPT[®] Chemicals BV is based on the principles of the NEN-EN-ISO-Standard 9001:2015.

Liabilities *All recommendations for the use of our products, whether given by us in writing, orally, or to be implied from the results of tests carried out by us, are based on the current state of our knowledge. Notwithstanding any such recommendations, buyer or user remains responsible for satisfying himself that the products as supplied by us are suitable for his intended process or purpose. Since we cannot control the application, use or processing of the products, we cannot accept responsibility thereof. Buyer has to ensure that the intended use of the products will not infringe any third party's intellectual property rights. We warrant that our products are free from defects in accordance with, and subject to, our general conditions of sale and supply.*

ADDAPT Chemicals BV
Speltdijk 1
NL-5704 RJ Helmond
The Netherlands
Tel: + 31 - 492 - 59 - 75 - 75
Fax: + 31 - 492 - 55 - 29 - 55
E-mail : info@addapt-chem.com
Home page: <http://www.addapt-chem.com>

Publication Number D87000
© ADDAPT Chemicals BV 2022
Version 2: 2022

