

Typical chemical and physical properties

ADDAPT® DISP 600 is an excellent solvent-free Dispersant for TiO₂, mineral pigments and fillers. It is also excellently suitable for colorants and reactive pigments.

ADDAPT® DISP 600 is a very low- and narrow molecular weight Polyacrylate dispersant having a sodium cation.

	<u>ADDAPT® DISP 600</u>
Counter ion	Sodium
Appearance	clear, yellow-amber fluid
Colour Gardner	3.0 – 5.5
Viscosity at 20 °C	100 - 800 m.Pa.s
Density at 25 °C	1.26 – 1.31 g/cm ³
Solid content	42 - 44 %
Mol. Wt.	ca. 3000
Solubility	
Water	Complete
Residual Monomer	< 100 ppm Acrylate
Shelf life	12 months

Applications and typical treat level recommended

Paint industry	Adhesives industry
Printing Ink industry	Concrete Industry
Paper coating Industry	

Benefits

ADDAPT® DISP 600 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 ADDAPT® DISP 600

The product shows high glycol compatibility.

The very narrow molecular weight distribution of ADDAPT® DISP 600 guarantees a high effectiveness in dispersing properties.

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

pH application range 4 – 13

ADDAPT® DISP 600 optimises the absorption of tinting pastes for emulsion paints.

Use of Polyphosphates should be omitted under all circumstances when using ADDAPT® DISP 600 since the effect of Polyphosphates is detrimental to the performance of ADDAPT® DISP 600 .

No R- S- phrases

ADD APT[®] DISP 600

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 fulfillment 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 9001:2008.

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.*

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