

WINACET[®] DN 50/00

Water dispersion of
vinyl acetate polymer

Technical Data Sheet

Date of edition: 25/01/2012

Edition no.: 3

Approved by: Product Manager – Dominika Słotwińska

Previous editions of this document have lost their validity

CHARACTERISTICS

Winacet[®] DN 50/00 is a water dispersion of vinyl acetate polymer produced in an emulsion polymerization process with the use of non-ionic emulsifiers.

GENERAL PROPERTIES

Does not contain plasticizers.

BASIC PARAMETERS

Parameters	Units	Values	Test methods
pH	-	3,5÷5,0	PN-EN 1245
solids content	%	50±2	PN-EN 827
viscosity by Rheotest RV ¹⁾	mPa·s	100÷350	PA 07-03
MFFT (minimal film forming temperature)	°C	13÷17	PN-90/C-89415
Tg (glass transition)	°C	34÷38	differential scanning calorimetry (DSC)
mean particle size	nm	400÷600	photon correlation spectroscopy (PCS)

¹⁾ sample quantity: 35-40 ml; shear rate 243 s⁻¹; measuring cylinder: S1; rpm: 9b; temperature: 25 °C; readout after 10 minutes

APPLICATON

The product can be diluted with water in all proportions. After evaporation of water the dispersion forms hard and fragile film with a good adherence to a porous substrate. Winacet[®] DN 50/00 is used for synthetic fibers finishing and gluing. It is also used for paper coating and as end-use finishes component in textile industry

PACKAGE AND TRANSPORTATION

IBC plastic containers or plastic drums with polyethylene bags inside. Package and transportation are not subject to regulations for hazardous materials transportation (ADR, RID). The other packages can also be used if previously agreed between the producer and a customer. Package must not deteriorate the product.

STORAGE

Store at temperature range from 5 to 35°C. Drums and containers should be stored in one layer. If stored in these conditions the product does not change its properties in the period of six (6) months from the date of production.

This document is of an informative character. The information given herein is based on the present state of our knowledge and experience. It makes neither product properties nor qualitative parameters guarantee and cannot be used as a basis of any claims. The information provided cannot be used for any mixtures with any other substances. Product should be transported, stored and used in accordance with valid regulations and good occupational hygiene practice. Making use of the information as well as product application is beyond the producer control and determination of the safe conditions of use is the sole responsibility of a customer.