

Hydroxyl functionalited polyacrylic dispersion

Technical Data Sheet

Name: Antkote® 2033
Revision Date: 2017-12-22

NO.IC_018
Version: 1.1

Product Description

Antkote® 2033 is a hydroxyl functionalited polyacrylic dispersion designed for Vehicle coatings, Mechanical coats and Anticorrosion topcoats. It can be used for waterborne two-component coatings in combination with polyisocyanates or other crosslinkers, or waterborne one component baking coatings in combination with amino resins or blocked polyisocyanates. Approx. 46 % in water/solvent naphtha 100/2-butoxyethanol, neutralized with 2-dimethylethanolamine, approx. 44.4 : 4 : 4 : 1.6 .

Properties

1. High gloss, gloss (60°) over 90.
2. Excellent resistance to chemicals and salt spray.
3. High hardness, 2k coatings in combination with polyisocyanates can reach above H.
4. Excellent aging resistance to ultraviolet agin

Characteristic data*

Property	Value	Unit	Method
Appearance	Milky white		
Weight Solids	45.0-47.0	%	WHPU/T 011-571-2017
pH	7.0-9.0		GB 6920-1986
Viscosity	300-2000	mPa·s	Brookfield,LV,63#,30rpm,25°C
OH content	3.3	%	
Density	1.06	g/cm ³	GB/T4472-2011

* Property values represent typical results only and are not to be considered as specifications, subject to specific COA

* Flash-rust inhibitor FA179、ZMP and Polyurethane thickeners have certain effects on the system's activation period, so add them appropriately according to the actual formulation. The viscosity can be modified by adjusting the pH and amount of cosolvent

Storage

Antkote[®] 2033



The product should be stored in dry conditions above 5°C and below 35°C with the integrity of the packaging, and prevent direct sunlight. The validity of this product is for 6 months, performance assessment is recommended before use after more than 6 months. The product should be protected from freezing during storage. After opening the packing, suggested to use up one time. Well filtration before using is necessary as normal water based binder.

Disclaimer: Wanhua Chemical Group Co., LTD. recommends that any customers of this material should check with Materials Safety Data Sheet (MSDS) for details about safely handling this material. We also suggest that you contact the suppliers of any other materials used in our recommended formulations and suggestions for appropriate health and safety regulations prior to use. The information contained herein is believed to be reliable. However, nothing in this technical sheet should be considered as a representation of warranty, express or implicit, regarding the product characteristics, application, quality, safety, merchantability or fitness for a particular purpose. Nothing contained herein is to be considered as permission, recommendation, nor as an inducement to practice any patented invention without permission of the patent owner.