



BRESCIANI

Restorasyon ve Koruma Malzemeleri ve Ekipmanları



TEKNİK VERİ SAYFASI

ver.1/1

CARBOPOL® ULTREZ 21

Art.52876

Benzene-free cross-linked acrylic polymer.

Main uses:

As a thickener in aqueous solutions and for the preparation of gels with many of the common solvents used in the restoration. CARBOPOL® ULTREZ 21, has the same properties as CARBOPOL® ULTREZ 10 and very similar to the other CARBOPOL (934, 940, 980), but more suitable for use by operators in the sector, as it is more thickening and less sensitive to the electrolytes present on the cleaning substrate.

Application:

To make aqueous gels, it is dispersed in continuous stirring in the concentration of 0.2 / 1% (on average 10 gr / lt), since these solutions have an acid character (pH 2.5 / 3) it is necessary to neutralize them with a basic substance such as soda or amines. We recommend products based on coconut amine such as ETHOMEEN C25 or other amines (triethanolamine or ammonia) in quantities of 10% (100 gr / lt). In particular, with triethanolamine the neutrality of the solution is reached with a 1: 1 ratio; 1: 1.5 by weight with CARBOPOL® ULTREZ 21. In the case of use with solvents, it is essential to add 2-5% of water before mixing with the solvent in a 1/10 ratio (1 part of mixture CARBOPOL® ULTREZ 21 + amine out of 10 of solvent)

Note: Because the dispersion viscosity of Carbopol Ultrez 10 polymer is so low, some settling of the dispersion may occur with concentrations below 4%: dispersions at lower concentrations should simply be stirred briefly prior to use to ensure a homogeneous distribution of the polymer. The neutralizing agents most commonly used in restoration can also be used with Carbopol Ultrez 10 polymer, including sodium hydroxide or various amines such as triethanolamine (TEA).

PHYSICAL AND CHEMICAL PROPERTIES:

Chemical nature: Homopolymer of acrylic acid

State: Powder

Color White

Odour Slight acidic

Solubility: Soluble in water.

PH value (10g / lt) at 20 ° C: 3

Viscosity in neutralizing water NaOH (0.5%): 55.000 mPas.s

Packaging: 250 gr

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-Only professional use-

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