



POLYTHIX P 505 MICRO

General description

POLYTHIX P 505 MICRO is a white, non-hygroscopic powder used for thickening and thixotropic adjustment of paints and lacquers, printing colours and art-related systems.

Application

Polythix P 505 micro is used in all non-liquid systems on account of its ability to increase viscosity and as a thixotropic agent. By using Polythix, the sedimentation of pigments is effectively delayed, as is the creaming of pigment pastes and pigmented adhesive systems. The processibility of filled systems and putties is improved. The consistency becomes smoother.

Specification

acid value ≤ 2 mg KOH/g

hydroxyl number ≥ 155 mg KOH/g

Typical data

general information, not a part of the specification

melting point $\geq 85^{\circ}\text{C}$

Incorporation and addition levels

Preparation of a 10-20%wt paste in a liquid component used in the formulation. The paste should preferably be made in a dissolver (15-20 min). The incorporation temperature ranges from 40-55 °C. The maximum temperature of 60-70°C should not be exceeded.

Recommended addition level for direct incorporation: 0.2-2%wt depending on the desired thixotropic effect.

Due to using natural raw materials, a variation of the specific properties could appear that need to be compensated by adjustments of the final formulation.

Packaging

packaging unit

20 kg paper bags

400 kg pallet

Lagerung

Store in closed bags at low relative humidity protected from heat.

The product shelf life of Polythix P505 Micro is 12 months from the date of shipment.

This datasheet should advice technically. It is not binding and does not claim to be complete.

The above data do not represent a characteristic warranty. The customer is not freed by this product information from his obligation to the examination on suitability for the intended purposes and procedures. Same applies to the inspection of incoming goods at the customer.

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