

Tackwhite AMC 1

Description

TACKWHITE AMC 1 is a removable p.s. adhesive, based on acrylic microspheric polymers in water and propylene glycol dispersion, properly modified with additives and wetting agents which produce a very good wettability of any surface combined with a very constant and clean removability.

Application

TACKWHITE AMC 1 is suitable for the production of removable and replaceable paper labels. It is designed for direct coating onto paper substrates by conventional coating methods such as flexo or Mayer rod.

Technical Specifications

Method of analysis	MU	Standard
1. Total Solids	%	38±1
3. Brookfield Viscosity 25°C	cps	1,000 - 2,000 ⁽¹⁾
8. pH - Solvents	pH	9 - 10 water

⁽¹⁾ No 3 RV; 20 RPM

Film properties

Method of analysis	MU	Standard
11. Peel Adhesion on Steel	g/in	20
17. Rolling Ball Tack	cm	> 15
22. Holding Power of Pressure Sensitive Tapes	h	N.A.
70. Particle Size	μ	35

Average values; 22±2 g/m² of dry adhesive on PES film 23 μm

Handling

TACKWHITE AMC 1 may separate over time: this is typical for this type of adhesive. Mix before use: adhesive will readily redisperse with mild agitation. Check pH in open coating pans and adjust to 9,5 with ammonium hydroxide solution, if necessary. If the pH of the adhesive falls below 8,8 coagulation may occur. Air operated diaphragm pumps are recommended to pump adhesive. Avoid the use of high speed centrifugal pumps.

The recommended coat weight range is 10-15 g (dry)/m², according to paper porosity; if on films, use approx. 10 g dry/m².

Packing

TACKWHITE AMC 1 is supplied in 1.000 kg tank containers or 200 kg drums.

Storing

TACKWHITE AMC 1 must be stored at temperature between +5°C and +40°C, avoiding freezing conditions.

Keep containers closed to maintain proper pH. Shelf life is 3 months.