

Tackwhite AMC 4 D

(Provisional)

Description

TACKWHITE AMC 4 D is an ultraremovable pressure sensitive adhesive, based on acrylic microspheric polymers in water dispersion, properly modified with additives and wetting agents in order to have a very good wettability on any surfaces combined with a very constant and clean removability. Its special formulation allows a good resistance to plasticizers.

Application

TACKWHITE AMC 4 D is suitable for the production of removable and repositionable PVC labels. It is designed for transfer coating onto substrates by conventional coating methods such as Rotogravure or Mayer rod.

Technical Specifications

Method of analysis	MU	Standard
1. Total Solids	%	47±1
3. Brookfield Viscosity 25°C	mPa.s	500 - 1,000 ⁽¹⁾
8. pH Solvents	pH	9 - 10 water

⁽¹⁾ N. 2 RV; 20 RPM

Film properties

Method of analysis	MU	Standard
11. Peel Adhesion on Steel	g/in	300
17. Rolling Ball Tack	cm	> 10
97. Loop Tack Test	g	150

Average values; 22±2 g/m² of dry adhesive on PET film 36 µm

Handling

TACKWHITE AMC 4 D 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 or gear pumps. The recommended coat weight range is 15-20 g (dry)/m².

Packaging

The product is supplied in iron drums (200 kg); IBC containers (1000 kg).

Storing

TACKWHITE AMC 4 D must be stored at temperatures between +5°C and +40°C, avoiding freezing conditions. Keep containers closed to maintain proper pH. Use within 6 months from production date (unopened and in the original packaging).