

Tackwhite AP 03 HP

Description

TACKWHITE AP 03 HP is a water-based pressure sensitive adhesive, based on acrylic latices. The coated cured product has a good resistance towards ageing and light.

Application

TACKWHITE AP 03 HP has been designed for the production of protective PE films. The films coated with TACKWHITE AP 03 HP are suitable for the protection of anodized surfaces and the peel adhesion is constant over time.

Technical Specifications

Method of analysis	MU	Standard
1. Total Solids	%	50±2
3. Brookfield Viscosity 25°C	cps	500 - 1,500 ⁽¹⁾
8. pH - Solvents	pH	8 - 9 water

⁽¹⁾ N. 2 RV; 20 RPM

Film properties

Method of analysis	MU	Standard
11. Peel Adhesion on Steel	g/in	1,300 - 1,600
17. Rolling Ball Tack	cm	6 - 12
22. Holding Power of Pressure Sensitive Tapes	h	> 50

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

Handling

The product can be applied using traditional coating systems: Mayer bar, gravure,

It is necessary to cure the product with Xama 7 (0.8-1%).

The product can be diluted with water, then, before adding Xama 7, check pH and, eventually, correct it with ammonia till pH=9. After this operation, add Xama 7. Xama 7 must be added slowly and under stirring, in order to obtain a good dispersion of the curing agent in the adhesive.

After the addition of Xama 7, the pot-life decreases, it depends on temperature and pH.

Packing

TACKWHITE AP 03 HP can be supplied in 200 l iron drums or in 1000 l plastic tanks.

Storing

TACKWHITE AP 03 HP must be stored at temperature between +5 and +40°C. If stored in original packaging, shelf life is 3 months. Keep containers well closed, in order to avoid surface skin formation.