



Tackwhite AP 15

Description

TACKWHITE AP 15 is an acrylic water-borne pressure sensitive adhesive. Due to its composition, it shows a very high cohesion and, after curing, excellent wetting properties on different surfaces and an excellent water resistance.

Application

TACKWHITE AP 15 has been designed for the production of protective PE films.

Technical Specifications

Method of analysis	UoM	Standard
1. Total Solids	%	44 ± 1
3. Brookfield Viscosity 25°C	mPa.s	200 ÷ 1500 ⁽¹⁾
8. pH		8 ÷ 9
⁽¹⁾ N. 2 RV; 20 RPM Solvents		water

Film properties

Method of analysis	UoM	Standard
11. Peel Adhesion on Steel	g/in	700 ÷ 1400
17. Rolling Ball Tack	cm	8 ÷ 15
22. Static Shear	h	≥ 70
97. Loop Tack Test	g	500 ÷ 1000

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

Handling

The product is ready to be coated with Mayer bar, gravure or air blade.

It is necessary to crosslink the product with CURING AGENT X7 (0.5-1.5%). We recommend to

run preliminary tests to identify the correct amount of crosslinker; this quantity depends upon the desired final characteristics.

The product can be diluted with water; in this case, check pH before adding the crosslinker. If necessary add ammonia to reach pH=9.

After this operation, add CURING AGENT X7. The crosslinker must be added slowly and under stirring, in order to obtain an optimal dispersion of the crosslinker in the adhesive. The pot-life of the crosslinked adhesive decreases depending upon crosslinker concentration, pH and temperature.

Packaging

The product is supplied in plastic drums (25 kg); plastic drums (50 kg); iron drums (200 kg); IBC containers (1000 kg).

Storing

TACKWHITE AP 15 must be stored at temperatures between +5°C and +40°C. Protect from frost. Keep containers well sealed, so to avoid surface skin formation.

Use within 6 months from production date (unopened and in the original packaging).