

Tackwhite HT 200 NC

Description

TACKWHITE HT-200 NC is a water borne pressure sensitive adhesive, based on acrylic polymers modified with acrylic plasticizers.

It yields a transparent film with very high cohesion, medium-high adhesion and high thermal resistance.

Application

TACKWHITE HT-200 NC, because of its outstanding shear properties, can be used for semi-permanent labels, double sided adhesive tapes, melamine plastics, wood, metals, glass, ceramic, etc.

Technical Specifications

Method of analysis	MU	Standard
1. Total Solids	%	50±2
8. pH	pH	8 - 10
- Solvents		water
3. Brookfield Viscosity 25°C	mPa.s	
TACKWHITE HT 200 NC		17,000 - 27,000 ⁽¹⁾
TACKWHITE HT 200 NC (V1/2)		4,000 - 12,000 ⁽²⁾

⁽¹⁾ No 6 RV; 20 RPM

⁽²⁾ N. 5 RV; 20 RPM

Film properties

Method of analysis	MU	Standard
11. Peel Adhesion on Steel	g/in	900 - 1,400
17. Rolling Ball Tack	cm	3 - 10
22. Static Shear	h	> 100
97. Loop Tack Test	g	1,000 - 1,500

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

Handling

To get a very good heat resistance (over 150°C), it is necessary to cure the product with CURING AGENT W 3 DIL. (about 0.5-1%). The crosslinker has to be added just before use and has to be well mixed into the adhesive. After activation, pot life decreases depending on adhesive concentration, amount of crosslinker, temperature; we recommend to run preliminary laboratory tests to evaluate the right amount of crosslinker and the process conditions.

Packaging

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

Storing

Product must be stored at temperatures between +5°C and +40°C. Protect from freezing

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