



Technical Data Sheet ADCRYL™AP 505

DESCRIPTION

ADCRYL™ AP 505 is a single-pack; self-cross-linking low peel strength, high tack solvent borne acrylic pressure sensitive adhesive that cures at moderate temperatures upon complete solvent removal. At room temperature, full cure may take up to 10-12 hours.

APPLICATION

ADCRYL™ AP 505 is most suitable to produce industrial adhesive tapes and labels. It has a very good anchorage on PET, polypropylene films, paper, synthetic fabrics, and foils etc.

TYPICAL TECHNICAL SPECIFICATIONS

Test	Method	UOM	Observations
Appearance	Sight	Visual	Transparent clear viscous liquid
Solids	Temp. 120°C (1 Hour)	%	50 ± 2
Viscosity	RVD11/Sp.No.5/10rpm at 25°C	Poise	40 to 60
Peel Adhesion	PSTC 101	gms/25mm	1300 ± 10%
Rolling Ball tack	PSTC 106	cm	20 -25
Shear Strength	PSTC 107	hrs	>3

(*) Evaluated on 25-micron PET film coated with 27±2 gsm

FEATURES

Ready to use: No need to mix	Easy to use	Fast dry	No odor	Long working time
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INSTRUCTIONS FOR USE

ADCRYL™ AP 505 should be used with proper coating equipment to the substrate. It is important that the solvents be dried efficiently in the coating machine, otherwise residual solvents could lead to a decrease in the technical characteristics of the finished product comparing to the technical specifications. Proper care should be ensured during coating process with effective ventilation.

ADCRYL™AP 505 adhesive can be mixed with different solvents such as; ketones, aromatic hydrocarbons & esters. Mix of aliphatic hydrocarbons can also be used for dilution. Solvents must be anhydrous.

PACKAGING

ADCRYL™AP 505 adhesive is supplied in 200 or 225 kgs, non-returnable drums.

STORAGE

ADCRYL AP 505 is recommended to be stored in a cool place, protected from direct sunlight and heat sources, at temperatures below 35°C. Keep material in tightly closed containers to prevent loss of solvents.

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

Note: Peel strength may vary once adhesive deposition have changes.

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