



Technical Data Sheet ADCRYL™ AP 505W

DESCRIPTION

ADCRYL™ AP 505W 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 505W is sprayable adhesive, most suitable to produce industrial fabric tapes where coating has very difficult to coating due to low thread count of fabric or wherever coating difficulties, it can use. It has a very good anchorage on PET, polypropylene films, 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	5 to 6
Peel Adhesion	PSTC 101	gms/25mm	1500 ± 10%
Rolling Ball tack	PSTC 106	cm	9 - 10
Shear Strength (25mm x25mm)	PSTC 107	Hrs.	>190

(*) 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 505W 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 505W 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 505W adhesive is supplied in 200 or 225 kgs, non-returnable drums.

STORAGE

ADCRYL™ AP 505W 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).

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