



Technical Data Sheet

ADCRYL™ AP 0852

DESCRIPTION

ADCRYL™ AP 0852 is a single-pack; high performance self cross-linking solvent borne acrylic pressure sensitive adhesive that cures at moderate temperatures upon complete solvent removal. At room temperature, full cure may take up to 24 hours.

APPLICATION

ADCRYL™ AP 0852 is most suitable to produce industrial adhesive tapes and labels. It has a very good anchorage on polyethylene, PET, polypropylene films, paper, synthetic fabrics and foils etc. Especially design for carpet lamination; it has very good removable property.

TYPICAL TECHNICAL SPECIFICATIONS

Test	Method	UOM	Observations
Appearance	Sight	Visual	Transparent viscous liquid
Solvent	--	-	Toluene, Hexane, Isopropyl alcohol
Solids	Temp. 120°C (1 Hour)	%	54 ± 2
Viscosity	RVD11/Sp.No.5/10rpm at 25°C	Poise	30 to 55
Peel Adhesion	PSTC 101	gms/25mm	1100 ± 10%
Rolling Ball Test	PSTC 106	cm	15 – 17
Shear Strength 25x25mm, 1 kg load	PSTC 107	Hrs	>80

(*) 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 0852 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 0852 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 0852 adhesive is supplied in 200 or 225 kgs, non-returnable drums.

STORAGE

ADCRYL™ AP 0852 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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