



## Technical Data Sheet ADCRYL™ AP 5310FR

### DESCRIPTION

ADCRYL™ AP 5310FR is a single-pack fire retardant solvent borne self-cross-linking 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 5310FR is most suitable to produce electrical, 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 viscous liquid
Solvent	-	-	Ethyl acetate, Toluene, Isopropyl alcohol
Solids	Temp. 120°C (1 Hour)	%	53 ± 2
Viscosity	RVD11/Sp.No.5/10rpm at 25°C	Poise	30 to 60
Peel Adhesion	PSTC 101	gms/25mm	1000 ± 10%
Shear strength (25x25mm), 1kg load	PSTC 107	Hrs	> 360
Rolling Ball test	PSTC 106	cm	20 -25
Flammability test	UL 94		Passes

(\* ) 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 5310FR 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.

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ADCRYL™ AP 5310FR 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 5310FR adhesive is supplied in 200 or 225 kgs, non-returnable drums.

### STORAGE

ADCRYL AP 5310FR is recommended to be stored in a cool place, protected from direct sunlight and heat sources, at temperatures below 30°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).