



Technical Data Sheet ADCRYL™ AP 1453

DESCRIPTION

ADCRYL™ AP 1453 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 1453 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 viscous liquid
Solvent	-	-	Toluene, Hexane
Solids	Temp. 120°C (1 Hour)	%	53 ± 2
Viscosity	RVD11/Sp.No.5/10rpm at 25°C	Poise	20 to 50
Peel Adhesion	PSTC 101	gms/25mm	1400 ± 10%
Shear strength (25x25mm), 1kg load	PSTC 107	Hrs	>1000
Rolling Ball test	PSTC 106	cm	15-20

(*) 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 1453 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 1453 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.

This information and any technical advice, whether verbal or written or by way of trials – are given in good faith, but without warranty; this also applies where proprietary rights of third parties are involved. The advice given does not release the user from the obligation to check its validity and to test the suitability of our products for the intended processes and uses. The application, use and processing of our products, even if made on the basis of our technical advice, are beyond our control and therefore entirely under the sole responsibility of the user.

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PACKAGING

ADCRYL™ AP 1453 adhesive is supplied in 200 or 225 kgs, non-returnable drums.

STORAGE

ADCRYL AP 1453 is recommended to be stored in a cool place, protected from direct sunlight and heat sources, at temperatures below 40°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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