

DA-128 / EVA Emulsion

TYPICAL PROPERTIES

Main Ingredient	Vinyl Acetate-Ethylene Copolymer
Appearance	Milky White
Protective Colloid	Polyvinyl Alcohol
Solids Content *(%)	60±1
Viscosity*(cP,25 °C,60rpm)	5000 ~ 7500
pH*	5.5±1.0
Free Monomer (%)	0.5 max.
Tg (°C)	-13±3

*marked item, are the ex-works delivery specification.
All other figures are typical physical properties for reference only.

USES //

DA-128 is a general purpose copolymer emulsion that can be used in the film bonding 、 paper bonding 、 floor 、 wall and ceiling adhesives. In the general formulation , it can be combined with plasticizers 、 solvents 、 thickening agents 、 extenders etc. However, it should be checked in each individual case, too .

The popular uses are : PVC 、 plastic or metal (under pressure) film bonding , printed and lacquered papers bonding, plastic material 、 cellular materials and ceramic tiles to absorbent substrates bonding, polymer cement paste for waterproof.

INTRODUCTION //

DA-128 is a milky white Ethylene-Vinyl Acetate non-plasticized copolymer emulsion, solid content approx. 60 % . Because of its very good adhesive properties, DA-128 is a raw material which is particularly suitable for the manufacture of adhesives for difficult substance, such as lacquered surface and plastic films in the packaging and paper industries. It is also suitable for floor, wall and ceiling adhesives. After drying it forms a clear, very soft, flexible film with low surface tackiness, exhibit very good adhesive behavior on an extremely wide range of plastic material, especially polyvinyl chloride (PVC) product. Because the low glass transition point , the dried film remains flexible at temperature below 0oC, DA-128 exhibits good resistance to aging, light and saponification.

Compatibility with resin solutions, soft resins, plasticizers, solvent and extenders is generally good, although this is should be checked in each individual case

SAFETY & STORAGE //

In general, DA-128 is considered safe for their intended use. However, since these products contain minor amounts of residual vinyl acetate monomer (less than 0.5%), It is recommended that adequate ventilation be provided in room where DA-128 is handled. And usual protective measures when handling polymer emulsion such as wearing gloves and goggles should be observed. Splashed on the skin or in the eyes should be removed by irrigation with clean water.

DA-128 should be stored between 5 and 40 oC. Drum of DA-128 should be stored in dry, sheltered area, usage within 6 months is suggested. Do not store under freezing condition. Opened containers should be used as soon as possible if not, should be resealed to prevent dried up.

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