

# Technical Datasheet (DiverSol® 688)

## PRODUCT SPECIFICATIONS

	Inspection Method	Value
Solids content	GB method	59.0~61.0
Viscosity at 25℃	GB method	500~4000 mPa.s
pH	GB method	5.0- 7.0
Residual vinyl acetate	GB method	0.5 % max

## TYPICAL PROPERTY

	Inspection Method	Value
Film Appearance	Visual	Clear, glossy
Tg	GB method	-15~0℃
Stabilizing System		Polyvinyl alcohol

## INTRODUCTION

DiverSol® 688 is a plasticizer-free milky white aqueous vinyl acetate-ethylene copolymer emulsion. After water evaporation, DiverSol® 688 can form a flexible film and has the best adhesion for a wide range of applications.

DiverSol® 688 has good resistance to aging. That's why your product can be enhanced with DiverSol® 688 and formulations suitable for industrial applications. In addition, DiverSol® 688 is quite environmentally friendly.

For industrial applications, the compatibility of raw materials is considered important to manufacturers.

Compatibility with different tackifiers, plasticizers, solvents and extenders is generally good, Should be checked in different cases accordingly.

## RECOMMENDED APPLICATIONS

DiverSol® 688 has excellent properties such as high solids content, low viscosity and good flow properties. This product is very suitable for the production of redispersible rubber powder.

DiverSol® 688 products, whether they are emulsions or latex powders, are suitable for the following applications:

Tile adhesives and tile grouts;

Internal and external wall putty;

External wall insulation system;

Repair mortar

Modifiers for wall and floor mortars;

Self-leveling mortar

Related applications of gypsum.

## SAFETY & STORAGE

In general, DiverSol® 688 is considered safe for its intended use. However, as this class of products always contains minor amount of residual vinyl acetate monomers, adequate ventilation is recommended in rooms where

DiverSol® 688 is handled. When working with polymer emulsions, protective clothes, gloves and also goggles should be used. Splashes on the skin or in the eyes should immediately be removed by irrigation with clean water.

DiverSol® 688 should be stored in sheltered areas at temperatures between 5 and 40 °C. Do never store under freezing conditions. Soft lumps or skins may tend to be formed during transportation and storage, therefore filtration is recommended before use. If the product is not transferred completely at one time, the user shall take adequate precautionary measures to prevent the possible formation of lumps or skins on the product. Opened containers should be closed soon to prevent skinning. If the product is stored for a longer period, stirring is recommended before use. The minimum shelf life of DiverSol® 688 is 6 months, provided the product is stored in original unopened containers under proper conditions. Stirring is required before utilizing the product if it has been stored for a longer period.

DiverSol® 688 is adequately preserved to prevent microbial contamination. However, if the product is kept in original containers which have been opened, or is transferred to other tanks, the product should be added with suitable preservative package to protect it against microbial attack. Equipment and facilities used to transfer the product should also be kept adequately clean. Finished products manufactured from polymer emulsions usually also require preservation.

## SAFETY NOTICE

Material Safety Data Sheets are available on request from sales offices.

## PACKAGING

PE bucket 50Kg/Iron drum 220Kg/ PE IBC 1.1 MT/ Flexible bag/ road tanker

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