

PLEXTOL D 237 is an aqueous emulsion of a thermoplastic acrylic polymer.

For further information regarding this product please refer to:

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Property	Typical Value	Unit	Method ¹
Solid Content	60	%	ISO 124
pH Value	7.0		DIN ISO 976
Viscosity @ 23 °C	800	mPas	DIN ISO 1652
Glass Transition Temperature	-31	°C	DIN 53765

¹ internal method based upon the specified norm

Application Advice

PLEXTOL D 237 is preserved against bacterial and fungal attack. In the manufacture of finished products, the material has to be retreated, as usual, with suitable biocides to give enhanced preservation. Evaporation of the water above the minimum film-forming temperature provides a clear-transparent film which is very soft and tacky at room temperature and adheres well to many kinds of material. The bond shows very good thermal stability under load. Instruction for use - PLEXTOL D 237 can be thickened by means of thickener emulsions (e. g. ROHAGIT SD 15), thickener solutions (e. g. Rohagit SL 606 ¹) and cellulose or starch derivatives to provide printing, nip-padding and coating compounds. - By mixing PLEXTOL D 237 with other emulsions from the PLEXTOL range, the film properties of the former can be influenced within wide limits and thus adapted to the intended application. - Silicone-coated papers, PP or PE films are suitable maskings for the self-adhesive coating. Applications - Pressure-sensitive adhesive with good bond strength and thermal stability under load. - PLEXTOL D 237 serves to manufacture self-adhesive coatings for many materials, e.g. textile fabrics, non-wovens, plastics films, paper, sheet metal, glass, rigid foam plastics, etc. The influence on the adhesive properties varies by kind and quantity of the used plasticizer in the PVC foil. Preliminary tests are recommendable. - By mixing PLEXTOL D 237 with PERBUNAN N LATEX 3415M the resulting compound shows increased adhesive properties. - PLEXTOL D 237 and compounds based on D 237 are applicable by all common types of coating devices. Especially there are excellent results by using doctor blades based on the the 2-chamber-technology (for example: coating machines from the pagendarm company), regarding the outstanding rheology performance of PLEXTOL D 237.

Shipping and Storage

This product is supplied in road tankers or in non-returnable plastic drums secured by a lid with clamping ring or in non-returnable palletized bulk containers (net volume 1.000 lt). The product must be protected from frost and exposure to direct sunlight. Storage temperatures between +5 °C and +30 °C are recommended. The product contains in-can preservation to protect it against microbiological attack during transportation. For protection against microbiological contamination during storage stringent plant hygiene is essential. Depending on the storage conditions addition of suitable preservatives may be necessary. Care must be taken that drums and containers are properly closed. During storage, shipping and handling contact with metal surfaces that are not corrosion protected must be avoided. When stored properly, the product has a shelf life of 12 months from the date of delivery.

Product Safety

Before handling, please read the Safety Data Sheet of this product for advice on safety, use and disposal.