

UNIPOL A 9760

Unipol A 9760 is a water-based dispersion based on acrylic and methacrylic acid esters. It is APEO and plasticizer free.

	Unit	Value	Method
Sales Specifications			
Solids content	%	60 ± 1	DIN 53189 / ISO 1625
Viscosity	mPa·s	2500 ± 1500	ISO 2555, Brookfield RVT; spindle 2; 50 rpm; 23 °C
pH		8.5 ± 0.5	DIN 53785 / ISO 1148
Typical values of emulsion			
Particle size	µm	approx. 0.3	
Minimum film forming temperature (MFFT)	°C	approx. 5	DIN 53787 / ISO 2115
Density	g/cm ³	approx. 1.03	ISO 8962
Typical values of film¹			
Appearance		Clear	
Density	g/cm ³		with reference to DIN 53479
Water absorption	%		with reference to DIN 53495
Tensile Strength	Nmm ²		with reference to DIN 53455
Glass transition temperature (Tg)	°C	approx. 12	DIN 53765 (DSC; heating rate 10 K/min)

(1) Dried in standard conditioning atmosphere at 23 °C and 50 % relative humidity (DIN EN 23270)

Applications

High quality exterior paints
 Resin bound plasters and textured coatings

Building adhesives

Specific Information

Unipol A 9760 is suitable binder for wall coating systems with superior weather and alkali resistance. The fields of application also cover medium PVC paints. Unipol A 9760 exhibits very high resistance to yellowing and is suitable for use in high quality exterior paints.

The usual titanium dioxide and coloured pigments as well as fillers can be used for the formulation of paints and resin-bound plasters. Many thickeners are usable to adjust the desired viscosity of the paint and improve its processability. Many commercially available defoamers can be added to the paints in order to prevent excessive foaming. Trials must be carried out to determine the most suitable grades and concentration.

Storage

Unipol A 9760 can be stored for at least 6 months between +5°C and +25°C.

Packaging

Unipol A 9760 is available in 120 kg drums, 1.050 kg IBCs and bulk.

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