

UNIPOL S 7064

Unipol S 7064 is a water-based dispersion of styrene acrylic copolymer. It is APEO and plasticizer free.

	Unit	Value	Method
Sales Specifications			
Solids content	%	50 ± 1	DIN 53189 / ISO 1625
Viscosity	mPa·s	4500 ± 1500	ISO 2555, Brookfield RVT; spindle 4; 20 rpm; 23 °C
pH		8.0 ± 1.0	DIN 53785 / ISO 1148
Typical values of emulsion			
Particle size	µm	0.15	
Minimum film forming temperature (MFFT)	°C	approx. 4	DIN 53787 / ISO 2115
Density	g/cm ³	approx. 1.03	ISO 8962
Typical values of film¹			
Appearance		clear, rigid, not tacky	
Glass transition temperature (Tg)	°C	approx. 9	DIN 53765 (DSC; heating rate 10K/min)

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

Applications

Exterior and interior architectural coatings	Building adhesives
High build-textured coatings	Sealants
Putties and fillers	Elastomeric wall coatings
Primers for mineral substrates	

Specific Information

Unipol S 7064 is especially designed for high PVC paints with high scrub resistance. It has very strong adhesion properties and very low water uptake. Therefore, it is recommended for exterior coatings when early water resistance is important.

The addition of coalescing agents could be avoided, unless otherwise desired.

The usual titanium dioxide and coloured pigments as well as fillers and texturing grains may be used for the formulation of paints and resin-bound plasters. The unpigmented film of Unipol S 7064 is transparent and not tacky at room temperature.

Storage

Unipol S 7064 can be stored for at least 6 months between +5°C and +40°C.

Packaging

Unipol S 7064 is available in 120 kg drums, 1050 kg IBCs and bulk.

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