

UNIPOL A 5220

Unipol A 5220 is non-plasticized aqueous copolymer emulsion based on acrylic acid esters.

	Unit	Value	Method
Sales Specifications			
Solids content	%	55 ± 1	DIN 53189 / ISO 1625
Viscosity	mPa·s	1500 ± 1000	ISO 2555, Brookfield RVT; spindle 3; 20 rpm; 23 °C
pH		6.5 ± 0.5	DIN 53785 / ISO 1148
Typical values			
Appearance of film ¹		clear, soft, tacky	
Emulsifying system		Surfactants	
Particle size	µm	0.1 - 0.3	
Minimum film forming temperature (MFFT)	°C	approx. 0	DIN 53787 / ISO 2115
Density	g/cm ³	approx. 1.08	ISO 8962

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

Applications

Film Print Lamination Adhesives
Paper Adhesives

Plastic materials adhesives

Specific Information

Unipol A 5220 exhibits very high initial strength and is suitable for the manufacture of adhesives and for bonding plastic materials and paper. Dried films of Unipol A 5220 demonstrate high glossy film. The mechanical properties of the lamination bond can be improved by using aliphatic isocyanates.

Food contact

For food contact regulatory status of Unipol A 5220, please contact our sales office for further information.

Storage

Unipol A 5220 can be stored for at least 6 months between +5°C and +40°C.

Packaging

Unipol A 5220 is available in 1050 Kg IBCs and 120 kg drums.

The information contained in this publication is based on our current information and experience and is to the best of our knowledge. Acro-pol does not make any warranty, express or implied, or accepts any liability in connection with this information. This information is for use by technically skilled persons at their own discretion and risk. The user alone has the responsibility to ensure that existing laws and legislation are observed when using the product.