

Drying additive 3A

General

Drying additive 3A is based on a zeolite-mineral and is available in powder and paste. It is used as drying additive (absorbent) in plastics, coatings and lacquers.

A typical application is the treatment of polyurethane formulations with Drying additive, to avoid that residual moisture will react with the isocyanate by forming carbon dioxide gas.

Physical & chemical characteristics

		powder	paste 60	paste 50
chemical name		zeolite 3 Angström	dispersion in 40% Castor oil	dispersion in 50% Castor oil
appearance		bright powder	bright paste	bright paste
water absorption	%	22 - 23	13	11
loss on ignition	%	< 2,5	195-205	195-205
pH		10,5 - 11,5		
particle size	d50	< 3 μ		
	d90	< 15 μ		

Packing

Drying additive 3A is supplied in:

- bags (for powder)
- cans (for paste)
- drums (for paste)
- IBC (for paste)

Drying additive 4A

General

Drying additive 4A is based on a zeolite-mineral and is available in powder and paste. It is used as drying additive (absorbent) in plastics, coatings and lacquers.

A typical application is the treatment of polyurethane formulations with Drying additive, to avoid that residual moisture will react with the isocyanate by forming carbon dioxide gas.

Physical & chemical characteristics

	powder	paste 60	paste 50
chemical name	zeolite 4 Angström	dispersion in 40% Castor oil	dispersion in 50% Castor oil
appearance	bright powder	light paste	light paste
water absorption	% approx. 28	> 13	> 11
loss on ignition	% < 3		
pH	approx. 11,5		

Packing

Drying additive 4A is supplied in:

- bags (for powder)
- cans (for paste)
- drums (for paste)
- IBC (for paste)

Drying additive 5A

General

Drying additive 5A is based on a zeolite-mineral and is available in powder (balls and beads). It is used as drying additive (absorbent) in plastics, coatings and lacquers.

Physical & chemical characteristics

		powder
chemical name		zeolite 5 Angström
appearance		bright powder
water absorption	%	approx. 28
loss on ignition	%	< 3
pH		approx. 11,5

Application

Typical areas of application are two-component polyurethane systems (coatings, adhesives, sealants) and metallic pigment coatings (zinc-rich primers, aluminum paints).

Packing

Drying additive 5A is supplied in:

- bags (for powder)