

# A-C<sup>®</sup> 400

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Ethylene vinyl acetate (EVA) copolymer in prill form, with a VA content of 13%, used extensively in hot melt adhesives (HMAs) to control rheology and boost adhesion. It can be added as a diluent but provides the dual function of reducing application viscosity at melt, while providing an adhesion boost versus homopolymer, non functional diluents (FT, byproduct, thermally degraded (TD) and PE homopolymer waxes). It is completely miscible in EVA adhesive resins, as would be expected by the similar chemistry. It is also used in candles to provide paraffin crystal nucleation, which increases thermal and breakage resistance, adhesion to glass, and fragrance retention.

## TYPICAL PROPERTIES

Property	Value
Hardness	9.5
Viscosity @ 140° C	595
Drop Point, Mettler	92°C (198°F)
Density	0.92
Vinyl Acetate Content	13% Vinyl Acetate

## REGULATORY APPROVALS

Property	Value
Plastic Pipe Institute/NSF*	No
FDA Indirect Approvals*	Yes

## PRODUCT FORM AND SIZE

Property	Value
Product Form	Prill

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