

# A-C<sup>®</sup> 316

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Hard, high drop point, high density, oxidized polyethylene (HDOxPEs) homopolymer powder (granule) for use in water borne coatings and inks, overprint varnishes, polishes and textiles to improve surface properties including mar and abrasion resistance by lowering the coefficient of friction. In textiles, this can help improve sewability and fabric cutting, helping to extend cutting machine lifetime. Its acid number of 16 allows it to be emulsified into water. Can also provide heat resistance to hot melt adhesives (HMAs). In addition, may be used as a metal release agent for PVC processing and is a fusion control for PVC formulations. It will not affect clarity in transparent PVC applications. Very effective for use in processing PVC regrind.

## TYPICAL PROPERTIES

Property	Value
Hardness	<0.5
Viscosity @ 150°C	8500
Drop Point, Mettler	140°C (284°F)
Density	0.98
Acid Number	16

## REGULATORY APPROVALS

Property	Value
Plastic Pipe Institute/NSF*	Yes
FDA Indirect Approvals*	Yes

## PRODUCT FORM AND SIZE

Property	Value
Product Form	Granule

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