



DOVERGUARD E-35

Doverguard E-35 is a patented chlorinated ester that is used in PVC applications as a secondary flame retardant plasticizer. **Doverguard E-35** can be used as cost effective replacement of phosphates and phthalates and as an alternative to chlorinated paraffins. It offers improved compatibility and melt processing and increased efficiency. The maximum loading level is formulation dependent.

Additional benefits versus common phthalate plasticizers:

- Acts as a flame retardant
- Lower volatility
- Lower water extractability
- Increased flex strength
- Lower plastisol viscosity
- Readily biodegradable
- Based on sustainable raw materials
- Not considered a substance of very high concern (SVHC)
- Not listed on Prop 65 or restricted by various environmental regulations*

* The US-EPA has reviewed **Doverguard E-35** and in 2018 cleared it for use in all metal working and plastic applications.

TYPICAL PROPERTIES

Property	Result
Chlorine, %	35
Specific Gravity	1.16
Density (lb/gal)	9.6
Viscosity @ 25°C	6
Pour Point (°C)	<-30
Color, Gardner	<2

Recommended storing temperatures range from 80-100°F. Prolonged exposure to temperatures in excess of 100°F may result in darkening of product.

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