



MERGINAMID A 160

PRODUCT INFORMATION

Product Description

MERGINAMID A 160 is a solvent-free modified polyaminoamide-adduct that is able to emulsify unmodified and modified liquid epoxy resins as well as dispersions of solid epoxy resins in water. After evaporation of the water homogenous films with unobjectionable coating properties are obtained.

Typical Parameters

Viscosity at 25°C [mPa*s]	30 000 - 50 000	Flash Point [°C]	Min. 112	
Amine value [mg KOH/g]	135 - 155	H-active-equivalent [g/Eg]	Ca. 210	
Colour [Gardner]	Max. 12	Use level [g/100g]	110 ¹⁾	23 ²⁾
Solids content [%]	49 - 51	Gel Time 250g at 23°C	Ca. 2.5 h ¹⁾	Min. 6 h ²⁾
Density at 20°C [g/cm ³]	1	Solvent	Water	

¹⁾ Liquid epoxy resins, epoxy equivalent weight approx. 190 g/Eq

²⁾ Dispersion of a solid epoxy resin (56 %), epoxy equivalent weight approx. 890 g/Eq

Application and Properties

MERGINAMID A 160 is an emulsifying epoxy hardener especially suited for the formulation of aqueous coatings for corrosion protection on mineral and metallic substrates.

Epoxy coatings based on MERGINAMID A 160 exhibit outstanding properties which are:

- excellent adhesion on mineral and metallic substrates
- unobjectionable and tack-free hardening even on damp surfaces
- high water resistance
- good chemical resistance, especially against alkali
- good gloss retention till the end of the potlife
- low smell
- not inflammable and ecologically beneficial due to the absence of solvents

Disclaimer

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