



Merginamid A 154

PRODUCT INFORMATION

Product Description

Merginamid A 154 is a solvent-free modified polyaminoamide-adduct dissolved in water. It emulsifies 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]	18 000 - 30 000	Flash point [°C]	Min. 112	
Amine value [mg KOH/g]	105 - 125	H-active-equivalent [g/Eg]	Ca. 260	
Colour [Gardner]	Max. 12	Use level [g/100g]	137 ¹⁾	29 ²⁾
Solids content [%]	39 - 41	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	
		Biobased carbon content ³⁾ [%]	34	

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

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

³⁾ Measure of the amount of biomass-derived carbon in a product compared to its total carbon content

Application and Properties

Merginamid A 154 produces self-emulsifying aqueous primers, coatings and adhesives used on mineral and metal substrates. Additionally they offer good corrosion protection properties.

Disclaimer

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