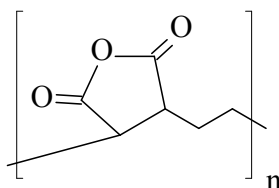


ZeMac[®] E400 Copolymer

Technical Data Sheet



Chemical Structure



Product Identification	Synonyms	EMA, Ethylene maleic anhydride copolymer
	CAS Number	9006-26-2
	EINECS/ELINCS	Polymer
	Molecular Weight	M _w =400,000
Specification	Property	Specification
	Form	Fine, white free flowing powder
	Infra-red spectrum	Compares to standard
	Loss on drying at 120°C, 3 hours	≤3.0%
	Water content	≤1.5%
	Specific viscosity at 25°C	0.75-1.05
	Maleic anhydride content	≤0.2%
Typical Properties	Property	Value
	T_g (°C)	Softens at 170°C
	Bulk density (g/ml)	0.40
	Density (g/ml)	1.41
	Polydispersity index	4.2
	pK_a	3.65, 6.40
	Total volatiles	0.5%
Packaging	60kg fiber kegs, 250kg bulk bags	
Applications	Glass fiber sizing, Pigment carrier, Binder, Surfactant, Encapsulant	

For toxicity or regulatory information please consult the Material Safety Data Sheet.

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