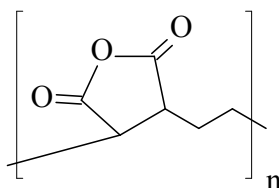


# ZeMac<sup>®</sup> E60 Copolymer

## Technical Data Sheet



### Chemical Structure



<b>Product Identification</b>	<b>Synonyms</b>	EMA, Ethylene maleic anhydride copolymer
	<b>CAS Number</b>	9006-26-2
	<b>EINECS/ELINCS</b>	Polymer
	<b>Molecular Weight</b>	M <sub>w</sub> =60,000
<b>Specification</b>	<b>Property</b>	<b>Specification</b>
	<b>Form</b>	Fine, white free flowing powder
	<b>Infra-red spectrum</b>	Compares to standard
	<b>Loss on drying at 120°C, 3 hours</b>	≤3.0%
	<b>Water content</b>	≤1.5%
	<b>Specific viscosity at 25°C</b>	0.12-0.22
	<b>Maleic anhydride content</b>	≤1.5%
<b>Typical Properties</b>	<b>Property</b>	<b>Value</b>
	T <sub>g</sub> (°C)	155-159
	<b>Bulk density (g/ml)</b>	0.2184
	<b>Density (g/ml)</b>	1.4
	<b>Polydispersity Index</b>	2.0
	pK <sub>a</sub>	3.65, 6.40
	<b>Total volatiles</b>	0.5%
<b>Packaging</b>	60kg fiber kegs, 250kg bulk bags	
<b>Applications</b>	Glass fiber sizing, Pigment carrier, Binder, Surfactant, Encapsulant	

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

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