

# SIRESTER<sup>®</sup> VE 64-M-140

**PRODUCT DATA SHEET**  
RV/64M140/022016

## Description

Vinylester, epoxydized novolac resin, diluted in styrene, with high reactivity and medium viscosity.

## Applications

SIRESTER<sup>®</sup> VE 64-M-140 is indicated for general purposes, in all those cases where high chemical resistance towards a wide range of substances is demanded. This resin grants superior mechanical properties.

## Sales specification

Properties	Value	Unit	Method
Acid number	< 25	mg KOH/gr	SIR 10231
Viscosity at 25 °C	400 – 500	mPa s	SIR 10015

## Typical Properties

Properties	Value	Unit	Method
Appearance	Clear liquid		SIR 10010
Styrene content	32	%	SIR 10352
Gel time at 25 °C <sup>(1)</sup>	20	minutes	SIR 10277
Stability at 65 °C	6	days	SIR 10242

(1) Formulation: 100 g resin + 0.10 ml DEAA + 0.30 ml Co (Oct.) 6% + 1,25 ml MEKP 50%.

SIRESTER<sup>®</sup>: SIR INDUSTRIALE registered trade mark.

N.B.: The data given in this brochure do not constitute characteristic properties of the single product.

To our best knowledge, the information contained in this brochure is accurate and corresponds to the truth.

However, any recommendations or suggestions are provided without any guarantee, since the conditions in which the products are used are not under our control. Furthermore, nothing contained in this brochure shall be interpreted as a recommendation for using the product in violation of any patents relating to the material and their uses.

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### Mechanical properties of pure cured resin

Property	Value	Unit	Method
Barcol hardness	45		EN 59
Flexural strength	140	MPa	EN 63
E-Module, flexion	4500	MPa	EN 63
Tensile strength	80	MPa	EN 61
E-Module, tension	3800	MPa	EN 61
Elongation at break	3,5	%	EN 61
HDT	140	°C	EN ISO 75 A
Tg	155	°C	ASTM D-3418

### Mechanical properties of reinforced resin (glass/resin 30/70)

Property	Value	Unit	Method
Flexural strength	230	MPa	EN 63
E-Module, flexion	8800	MPa	EN 63
Tensile strength	155	MPa	EN 61
E-Module, tension	9800	MPa	EN 61

### Supply Form

Product is available in a 200 kg. lined drum, 1000 kg. container or in bulk.

### Storage stability

The product is stable for 6 months if stored in lined steel drums or in stainless steel tankers at 20 °C, away from sources of light and free of iron or copper salts, organic and inorganic peroxides. To mix the product before use is suggested.

### Safety

The product is flammable and harmful.

Further information is provided in the relevant safety data sheet.

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