

SIRESTER[®] FSG 0819

**PRODUCT DATA
SHEET**
RP/0819/122011

Description

Orthophthalic polyester based resin, diluted in styrene, with low reactivity and medium viscosity.

Applications

SIRESTER FSG 0819 is a flexible resin for blending, with very high elongation at break.

Sales specification

Property	Value	Unit	Method
Acid number	< 20	mg KOH/g	SIR 10231
Viscosity at 25 °C	350 - 550	mPa s	SIR 10015

Typical Properties

Property	Value	Unit	Method
Appearance	Clear liquid		SIR 10010
Styrene content	34	%	SIR 10352
Stability at 65 °C	6	day	SIR 10242
Apha colour	< 80		SIR 10007
Gel time at 25 °C ⁽¹⁾	13	minute	SIR 10234

(1) Formulation: 100 g resin +0,2 ml Co(Oct) 6%+ 1,5 ml MEKP 50%

SIRESTER[®]: 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.

Mechanical properties of pure cured resin

Property	Value	Unit	Method
Barcol hardness	2		EN 59
Flexural strength	10	MPa	EN 63
E-Module, flexion	220	MPa	EN 63
Tensile strength	15	MPa	EN 61
E-Module, tension	400	MPa	EN 61
Elongation at break	50	%	EN 61
HDT	20	°C	EN ISO 75 A

Supply Form

Product is available in a 225 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.

Safety

The product is flammable and harmful.

Further information is provided in the relevant safety data sheet.

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