

# SIRESTER<sup>®</sup> FSG 0754/A

**PROVISIONAL DATA  
SHEET**  
RP/0754A/102019

## Description

Orthophthalic-neopentylc unsaturated polyester resin, diluted in styrene, preaccelerated with fast reactivity and medium viscosity; contains UV stabilizer.

## Applications

SIRESTER FSG 0754/A is indicated for filled castings with bright colour after cure, in particular for sanitary, onyx and marble imitations by solid surface application; the specific composition provides higher chemical and UV resistance than a standard orthophthalic polyester.

## Sales specification

Property	Value	Unit	Method
Acid number	< 18	mg KOH/gr	SIR 10231
Viscosity at 25 °C	1000 - 1200	mPa s	SIR 10017

## Typical Properties

Property	Value	Unit	Method
Appearance	Clear rose		SIR 10010
Apha colour	< 100		SIR 10007
Styrene content	34	%	SIR 10257
Gel time at 25 °C <sup>(1)</sup>	12	minute	SIR 10234
Hardening time	25	minute	SIR 10234
Exothermic peak	170	°C	SIR 10234
Stability at 65 °C	6	day	SIR 10242

(1) Formulation: 100 g resin + 1,0 ml MEKP-50.

During long storage a slight increase of the gel time can occur: we suggest to adjust the amount of catalyst in order to obtain correct values.

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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	45		EN 59
Flexural strength	120	MPa	EN 63
E-Module, flexion	4100	MPa	EN 63
Tensile strength	70	MPa	EN 61
E-Module, tension	3800	MPa	EN 61
Elongation at break	2,5	%	EN 61
HDT	85	°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 a stainless steel tank or lined drums (avoid glass fibre based containers or tin plated drums), at 20 °C temperature, in a dark/ventilated place. Keep away from iron and 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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