

Description

Styrene emission reducer additive for unsaturated polyester resins.

Applications

SIRION[®] FG 1740 has been developed to reduce styrene emission in the working place where open mould technology is used (e.g. hand lay up, spray up, filament winding...). The product is particularly suitable for orthophthalic unsaturated polyester resins. It doesn't affect the interlaminar adhesion of the FRP parts if it is used in the suggested amount.

Typical Properties

Property	Value	Unit	Method
Appearance	Pale yellow paste		SIR 10010
Solvent content	40	%	
Acid number	5	mg KOH/g	SIR 10231

Recommended dosage and incorporation

SIRION[®] FG 1740 should be used between 0.2 – 0.7% based on resin.

SIRION[®] FG 1740 should be added to the resin before any other component. Better dispersion is obtained if the product is added in the molten state; if it is not possible, an addition of styrene (max. 20%) allows to reach a fluid state. Stirring the product before using is suggested.

Supply form

The product is available in a 180 Kg lined drum and in 20 Kg containers.

Storage stability

The product is stable for more than 6 months if it's stored in closed original containers.

Safety

The product is harmful and flammable. Further information is provided in the relevant safety data sheet.

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.