

R999 – RESIN FOR POLYSTYRENE

DESCRIPTION

Orthophthalic polyester resin in solution of styrene and a methacrylic monomer. Specific adhesion to polystyrene foam as unlike the common polyester resins, it does not attack at all the polystyrene of any density.

The resin is pre-accelerated and has medium viscosity and reactivity.

Mix the resin with 1.0% - 2.0% of liquid catalyst (methyl ethyl ketone peroxide – use M50 grade), bearing in mind that the quantity of catalyst selected depends both on the required operating temperature and processing times. The recommended temperature interval of the product is between 16 and 28°C.

The product is stable for 6 months in a sealed container at a storage temperature of 20°C.

The use of polypurge (nitrogen gas) is recommended prior to replacing the lid, as the product will cure with the presence of moisture in the air space above the resin in the drum.

TYPICAL SPECIFICATIONS OF THE LIQUID PRODUCT		
	VALUE	METHOD
Colour of liquid resin	Pink/Green	IMIA-01
Colour of hardened resin	Light yellow/Green	IMIA-01
Density @ 25°C, g/litre	1100±50	IMIA-02
Solid content, % by weight	61,4	IMIA-03
Viscosity @ 25°C, mPa.s	800-900	IMIA-10
Reactivity @ 23°C Chilling time, minutes 100 g. resin + 2g. BUTANOX M 50	25±5	IMIA-15

STORAGE LIFE: At least six months in unopened containers stored at room temperature (60-90°F).

PRICE: £4.50/kg supplied in 25kg drums.

All prices are ex Ripley warehouse and are subject to change without notice. V.A.T. is extra at standard rate. Delivery charged at cost – next day available.

PAYMENT TERMS: Net 30 days to account holders. Otherwise cheque with order, credit card or pro-forma invoice.

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SUPPLIED BY:

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