

PRODUCT INFORMATION

MOULDING TISSUES

Characteristics

These moulding tissues are made from five or six layers of continuous fibres, 12 micron dia., of a low – melt, corrosion resistant glass, C –glass (ASTM C162-93) randomly dispersed across the sheet. The corrosion resistance is Acid Class 1, (DIN12116), Alkali Class 2 (DIN52322) and Hydrolytic Class 3 (DIN12111).

The acrylic binder is designed for general moulding applications.

The polyester binder gives a softer more flexible bond, resulting in a tissue which readily conforms to the complex shapes often encountered in press mouldings. It is also suitable for transfer moulding.

Application

Regina P250RA, P300RA and P350PE moulding tissues have been designed to impart a reinforced resin-rich surface for general GRP products, produced by hand lay-up or by hot or cold press techniques where intricate contours are present eg: surf boards, small boats, crash helmets, furniture and automotive cowlings.

The tissue meets the requirements of British Standards BS 4994, “Design and Construction of Vessels and Tanks in Reinforced Plastics” and American Standard ASME/ANSI RPT-1-1989, “Reinforced Thermoset Plastic Corrosion Resistant Equipment”.

Technical Data

CODE:	P250RA	P300RA	P350PE
Mass: Gsm +/- 2gsm	22 gsm	26 gsm	32 gsm
Nominal Thickness	250 Micron (0.25mm)	300 Micron (0.30mm)	350 Micron (0.35mm)
Resin absorption (theoretical)	215 gsm	260 gsm	305 gsm
Binder Type	Acrylic Polymer		Polyester
Binder Content	6%-8%		
Styrene monomer solubility	Insoluble in styrene monomer		
Standard Widths	1000mm		
Standard Roll Lengths	200m or 250m		

These specifications are subject to change without notice, and are sold subject to our standard condition of sale. Products can be made to order, at different mass, thickness and width to the above, and with roll lengths to suit your needs. The user must be satisfied that the product is entirely suitable for the purpose.

