

Polyester Matched Shade Pigment Dispersions



Product Description:

A monomer free polyester resin based colour concentrate. Products typically used in the GRP composite industry for Spray & Hand Lamination, Resin Transfer (RTM), Pultrusion and Compression Moulded Compounds (SMC / DMC / BMC).

Available Colours:

We offer various shades from internationally-recognised colour ranges such as RAL & British Standard as well as a bespoke colour-matching service.

Technical Properties:

All products are tested in accordance with our ISO9001:2015 Certification

Properties	Test Method	Test Frequency	Declared Values
Particle Size Evaluation	QCT034 (Hegman Gauge)	Every Production Batch	Fewer particles greater than 15 Microns
Top Shade Evaluation	QCT005 (10% Pigment Addition Level)	Every Production Batch	Same or within commercial tolerance to Master Standard
Tintorial Strength Evaluation	QCT004 (4% Pigment Addition Level)	Every Production Batch	Same or within commercial tolerance to Master Standard

Application Instruction / Directions for use:

Stir well before use and carry out a colour check on a small scale, prior to using large production quantities. A pigment paste addition rate (by weight) of 5% for Laminating Resin, 2~4% for SMC/DMC and 10~15% for Polyester Gelcoats should give sufficient opacity for most applications. Blend thoroughly by hand or low speed mechanical mixer. High speed agitation is best avoided since this may introduce air voids into the final article

Shelf Life / Storage:

Nominal 12 months from date of manufacture as detailed on product labelling. Up to 24 months if stored unopened at an ideal temperature of between 15 & 25^o C. We would always recommend a performance check of the product, prior to using large quantities, if the nominal shelf-life is exceeded.

Keep out of the reach of children.

Packaging Specifications:

Supplied in HDPE plastic & UN approved metal containers of various sizes. Each container is filled to its specified nett weight with a tolerance of +/- 1%.

Pigment Light Fastness & Chemical Resistance:

West & Senior is committed to sourcing & using high quality pigments wherever possible. Our choice of pigments used in the manufacture of matched shades is predominantly Excellent for Light Fastness & Chemical Resistance, and have a Rating of 7—8 on the 'Blue Wool' scale.

Technical Support:

Through our technical department and laboratories we can offer a comprehensive service to the customer. Technical representatives are available to provide further information.

Health and Safety:

Refer to the West and Senior Material Safety Data Sheet for further information.

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