UNLIMITED COLOURS

Pigment Pastes
BÜFA®-Pigment Pastes

Neolite Pigment Pastes
Neolite pigment pastes are coloured liquid pastes based on a combination of tinters. These tinters consist of pigment dispersed into a solvent-free reactive polyester resin.

The pigments used have been carefully selected based on colour fastness, opacity, heat stability and having minimum effect on the curing characteristics of the final system.

Available in a wide range of colours, they have been developed to blend easily into resin systems. The viscosity of the pastes is such that they are all pumpable.

Composition:
BÜFA®-Pigment Pastes are grinds of high quality, organic and inorganic pigments and special unsaturated polyester resins.

Organic pigments are, e.g. Azo pigments, phthalocyanines and chrysoidines; the inorganic are, e.g. titanium dioxide, iron oxides and bismuth vanadate.

BÜFA®-Pigment Pastes are free of mercury, lead, cadmium and chromates (Cr VI). The pigments used are – opposite dyes – insoluble in the application medium, in water as well as in most solvents, acids and lyes.

All of the pigments we use meet the highest requirements on light fastness and weather fastness.

An important advantage of our BÜFA®-Pigment Pastes is that they cover the entire colour spectrum. With our more than 25 full-strength colours, practically any desired colour can be reproduced. Along with the more than 100 standard shades of colour, a good number of nuances can also be supplied. Even special shades of colours desired by our customers can be reproduced without any problems.

On request the pigment pastes are also available in different carrier systems, e.g. epoxy or acrylate resins, solvents, etc.

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Application:
Neolite pigment pastes can be readily mixed directly into the polyester gelcoat or resin, preferably by mechanical means. Generally the amount of colour paste required to colour gelcoat is 10% by weight, although black and dark grey colours can be added as low as 6% and bright colours such as yellow and orange need up to 15%. A lower addition of 3% is recommended for addition to resins.

Availability:
Neolite pigment pastes are produced via an automatic dispensing system which means they are readily available for a swift response to customer demand. There are over 1000 colours, including most RAL and BS colours together with other standard reference colours, which can be supplied from 1kg upwards. In addition we offer a colour matching service for specific customer requirements.

It is important to check the colour and colour uniformity of the cured gelcoat/resin by making a test application on a representative mould surface. Care must be taken to avoid the use of different batches on either single mouldings or on mouldings that are components of a larger structure. Every effort is made to reduce batch to batch variation, but even with the use of state of the art colour measuring and dispensing equipment, small variances between batches can occur.

Intended use:
Neolite pigment pastes are designed as a colouring medium for unsaturated polyester gelcoat and resin in a wide range of applications including polyester compression moulding, polyester extrusion and injection moulding, polyester flat sheeting production, polyester casting and general composite construction.

A selection of the most popular shades of colours

<table>
<thead>
<tr>
<th>Product name</th>
<th>Product description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEOLITE 1871</td>
<td>Aircraft Grey</td>
</tr>
<tr>
<td>NEOLITE 1872</td>
<td>Smalt Blue RAL 51782</td>
</tr>
<tr>
<td>NEOLITE 1070</td>
<td>Aircraft Grey RAL 71070</td>
</tr>
<tr>
<td>NEOLITE 9602</td>
<td>RAL 8016 Signal Brown</td>
</tr>
<tr>
<td>NEOLITE 1190</td>
<td>Industrial Grey 03120-T</td>
</tr>
<tr>
<td>NEOLITE 9320</td>
<td>Traffic Red 03120-T</td>
</tr>
<tr>
<td>NEOLITE 9715</td>
<td>RAL 7015 Slate Grey</td>
</tr>
<tr>
<td>NEOLITE 9716</td>
<td>RAL 7016 Anthracite</td>
</tr>
<tr>
<td>NEOLITE 9916</td>
<td>RAL 9016 Traffic White</td>
</tr>
<tr>
<td>NEOLITE 1046</td>
<td>Lt. Battleship Grey RAL 71046-T</td>
</tr>
</tbody>
</table>

The data given above is approximate information without warranty. The latest, detailed information is found in the respective Technical Information Sheet and/or the corresponding EU Safety Data Sheet which should also be observed.