

## Technical Information

# NCS POLYCHROME P100

## WHITE PIGMENT PASTE

### DESCRIPTION

NCS Polychrome P100 is a pigment powder dispersed in an unsaturated polyester dispersing medium containing no volatile monomers.

NCS Polychrome P100 is manufactured to the highest standards and is colour controlled using sophisticated colour matching computer technology.

### TYPICAL LIQUID PROPERTIES

PROPERTY	RESULT	NCS TEST METHOD
Liquid appearance	White, opaque	2
Fineness of grind (microns)	40 max	C5.1
Opacity	0.25 max	C7
Stability in the dark @ 25°C, months	12	4.1

### APPLICATION

It is recommended that, where mouldings are produced as sub-components of larger structures, or are simply large structures, that sufficient resin and pigment paste are mixed to enable the entire job to be completed, thus ensuring an exact colour match. Similarly, if colour gelcoat is used, it is recommended that the same batch of material is used throughout the application as well as for sub-components.

Thorough stirring of the mix shortly before use is recommended to ensure that the pigment is fully dispersed and that no separation has occurred. Care must be taken not to introduce air into the system.

Users are reminded that the final colour of the cured gelcoat and laminate can be affected by the curing system or the colour of the gelcoat or resin to which the pigment paste is added, particularly when heavily filled systems are used, and colour samples are intended purely for guidance and exact matching to the final laminate colour cannot be guaranteed.

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**STORAGE  
AND  
HANDLING**

To ensure maximum stability and maintain optimum properties, polyester resin should be stored in closed containers, maintained below 25°C and away from heat sources and sunlight. All storage should conform to local fire and building codes. Drum stock should be kept to a reasonable minimum with first-in, first-out stock rotation.

Where bung-in-head containers are stored outside, it is recommended that these be stored in a horizontal position to avoid the ingress of water.

**STANDARD  
PACKAGE**

Non-returnable metal drums.  
Bulk supplies can be delivered by road tanker.

**MATERIAL SAFETY  
DATA SHEET**

A Material Safety Data Sheet is available from your NCS Resins' representative. Make certain that you obtain a copy of this guide to the safe handling of unsaturated polyester resins and resin systems.

PLEASE READ AND UNDERSTAND THE MATERIAL SAFETY  
DATA SHEET BEFORE WORKING WITH THIS PRODUCT

**WARNING:** CARE MUST BE TAKEN TO AVOID DIRECT  
MIXING OF ANY ORGANIC PEROXIDE  
(CATALYST) WITH METAL SOAPS, AMINE OR  
ANY OTHER POLYMERISATION ACCELERATOR  
OR PROMOTER, AS VIOLENT DECOMPOSITION  
WILL RESULT!

NCS RESINS BRANCHES AT:

**JOHANNESBURG / DURBAN / CAPE TOWN / PORT ELIZABETH**