

NF 78 NAVY BLUE – PL

TECHNICAL DATA SHEET

USING FIELDS and PROPERTIES

It is a Phthalate Free plastisol based printing paste used to achieve navy blue and colored printing effect with elastic, covering and soft touching properties in textile printing.
It can be printed on cotton fabrics.
Does not dry on the screen.
If cured correctly as advised, the dry-wet rubbing and washing fastness are high.
Rubbing and washing tests should be applied 24 hours after curing.
It is phthalate free. However, it is not suitable to ecological standards because it contains PVC.

PHYSICAL-CHEMICAL PROPERTIES

Appearance : Navy blue paste
Odor : Slight
Density : 1,27 g/ cm³ (25 °C/ 77 °F)
Viscosity : [(25 °C) sp: 7, rpm: 2 Brookfield] : 1.500.000 – 1.600.000 [mPa.s]

APPLICATION

Printing : In order to have more covering, color productivity and elasticity in the print of NF 78 Navy Blue - PL double print is advised with flash cure or NF 65 Snow White - PL or NF 67 White - PL should be printed as underground.
Screen : Silk screens that are made of 43 cm/110 inch mesh 70 micron silk - 120 cm/305 inch mesh 34 micron silk should be used.
Squeegee : 67 – 70 Shore V type squeegee should be used.
Mixture : In need of improving elasticity of NF 78 Navy Blue - PL, NF 60 Transparent - PL can be added.
NF 78 Navy Blue - PL can be mixed with NF series colors.
To reduce the viscosity, NF 55 Regulator - PL can be added (1-3 %) into NF 78 Navy Blue - PL.
Before use, please stir the ink well. Do not use any additives that are not advised.
After using, the screen should be cleaned with the synthetic thinner.
Curing : Should be double cured at 160 °C/320 F for 1,5 minutes.

SAFETY and STORAGE

Printing should be done in ventilated places not to have inhalation problems. It does not harm the skin in case of contact. You should seek medical assistance in case of contact with organs like eyes and mouth.
Keep containers dry and tightly closed. Store in a ventilated place between (+5)-(+30) °C/(+41)-(+86)°F of temperature.
It should be consumed within 12 months after the production date.

PACKING

In 10 kg and 30 kg or 1 gal and 5 gal of plastic packings.

The technical application and information that have been given above, are designed only as using instructions. Should not be considered as a warranty for any other use. When any help or assistance is required, our technical department is ready for help.