



TECHNICAL INFORMATION

SHIN-NAKAMURA CHEMICAL CO.,LTD.

WHITE PASTE TSK-660
NK COUPER TSK-680
(DOT PRINT AGENTS)

WHITE PASTE TSK-660 and NK COUPER TSK-680 is rubber paste developed for machine textile printing.

【 Characteristics 】

These are suitable for the machine print.

- Water base. (PVC free)
- Because drying is slow, there are suitable for a machine print in comparison with a conventional water base.
- These don't contain nonylphenol derivatives(APEO), formaldehyde.

【 Properties 】

Product name	WHITE PASTE TSK-660	NK COUPER TSK-680
Main compoents	Acrylic ester copolymer and TiO ₂	Acrylic ester copolymer
Appearance	White paste	Milky white paste
Solid content	58.0 ± 2 %	42.0 ± 2 %
pH	8.5 ± 1.0	8.5 ± 1.0
Viscosity	200000 ± 50000 mPa·s	180000 ± 40000 mPa·s

【 Recipe 】

WHITE PASTE TSK-660	99~90	—
NK COUPER TSK-680	—	98~93
NK LINKER FX-2	1~ 2	1~ 2
Pigment color	0~ 8	1~ 5
Total	100	100

【 Processing 】

Screen Printing(TSK-660 or TSK-680) ⇒ Pre-drying

⇒ Screen Printing(TSK-660 or TSK-680) ⇒ Pre-drying ⇒ Curing 150°C×3min

※Please perform curing by all means

【Notes】

- Some pigments do not mix well with binder. Please be in particular careful to black pigments. Therefore careful testing is required before application.
- Avoid to freeze and to keep above 40°C.

The printing result may be different in condition of process.
We recommend to have enough examination before your application.