PRODUCT INFORMATION BULLETIN

ES0840 NPT S.H.A.P.E.

Rutland™

ES0840 is a Soft Hand And Plastisol Extender that is useful in softening color intensity without affecting viscosity.

Highlights

- ES0840 may be mixed in at any ratio but it will reduce the opacity and color strength of the ink.
- The mixture can print through a wide variety of mesh ranges and will cure at 320 degrees F. (160 degrees C.)
- Use S.H.A.P.E. to help soften color intensity with out affecting viscosity. Great for vintage style prints.

Printing Tips

- Mix into Plastisol incrementally making sure to make note of the total amount of S.H.A.P.E. you have added. This will allow you to accurately replicate the same color at a later date.
- Add up to 30% of C3 to create colors using the C3 color boosters.
- S.H.A.P.E. is fully curable.
- S.H.A.P.E. can be used to reduce M3 colors as well.

Compliance

- Internationally compliant
- Non-phthalate
- https://www.avientspecialtyinks.com/services/compliance-support

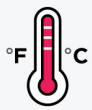
Precautions

- The information above is given in good faith and does not release you from testing inks and fabrics to confirm suitability of substrate and application process to meet your customer standards and specifications.

Recommended Parameters

Fabric Types

Cotton



Flash & Cure

Flash: 140-150°F on pre-heated pallets
Cure: 320°F

Clean Up

Unused ink will need to be disposed of responsibly. Standard plastisol cleaners, press wash, or ink degradant

Mesh

Counts: 110-355
Tension: 18n-25n/cm3

Pigment Loading

C3 Color boosters

Health & Safety

Find SDS information here: www.avient.com/resources/safety-data-sheets or contact your local CSR

Squeegee

70, 70/90/70 60/90/60
Profile: Square
Stroke: 1+
Angle: 15-20%

Additives

N/A

Stencil

Standard Emulsion
Off Contact: 1/16” (2mm) or greater
Emulsion Over Mesh: 15-20%

Storage

65 -95° F (18 -35° C) Avoid direct sunlight

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V3.03 (Modified: 03/09/2021)