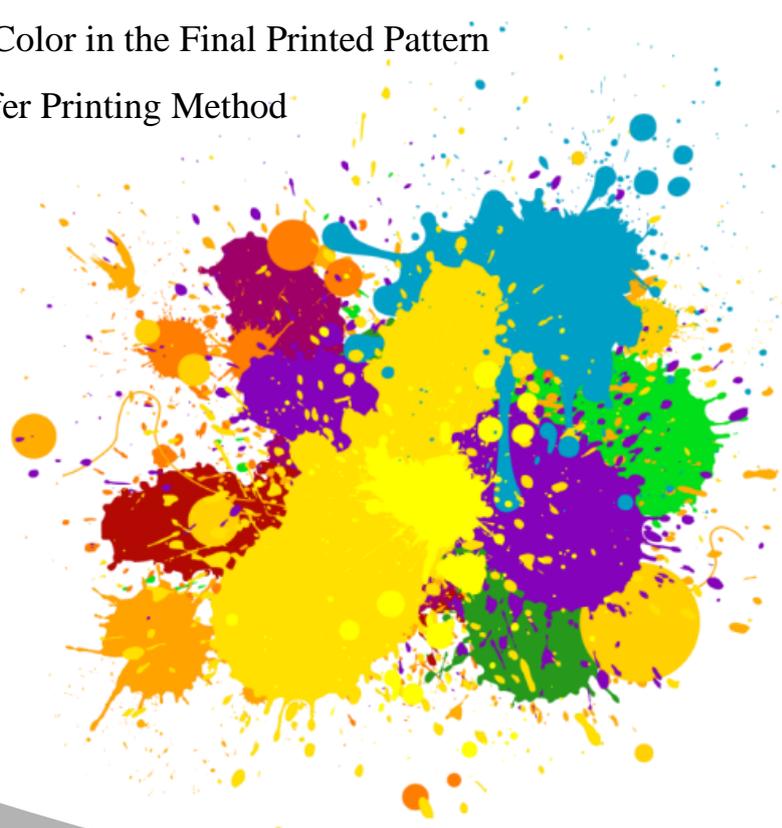


General Specifications of SUBLINA Ink

- Nano-Scale Certification of the Iran Nanotechnology Innovation Council (INIC)
- Eco-Friendly and Water-Based Formulation without any Volatile Organic Compounds (VOC)
- High Quality and High Color Brightness
- High Wash Fastness in both Neutral and Alkaline Medium, High Light Fastness and High Color Fastness to Rubbing
- Ultra-Low (Nano-Scale) and Narrow Particle Size Distribution, Proper to Prevent Nozzle Clogging
- Without any Carcinogen Components, Forbidden Amines and Formaldehydes in the Ink Formulation
- Long-term Stability due to the Optimized Formulation
- Re-Production of High-Density Black Color in the Final Printed Pattern
- Applicable with both Direct and Transfer Printing Method

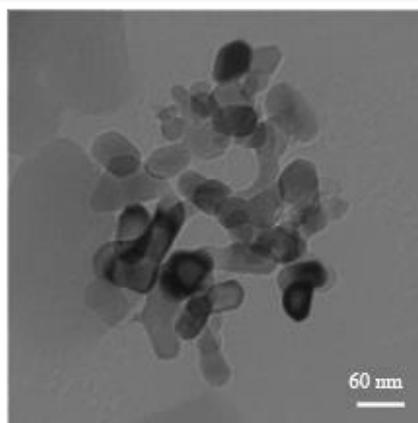
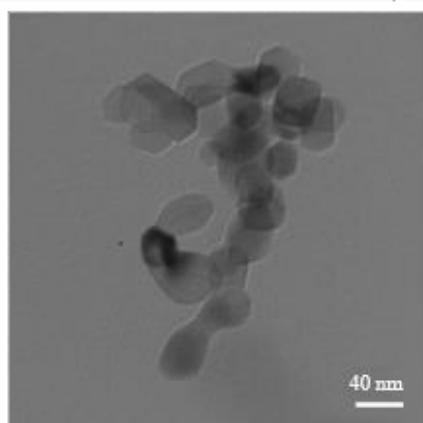
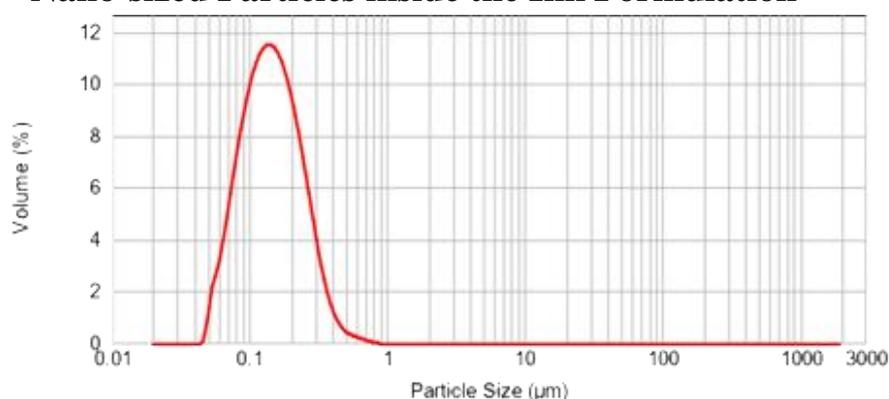


Stability Results of SUBLINA Ink (Paste) after 30 Days under Accelerated

	Primary Viscosity (mPa.s)	Viscosity after 15 days (mPa.s)	Viscosity after 30 days (mPa.s)
Micro Sample	12.5	14.8	16.3
Nano Sample	11.7	12.81	13.2

*Above mentioned results confirm the performance of the used dispersing agents and the final formulation of the produced ink.

The Results of DLS and TEM Analysis of SUBLINA Ink Showing the Nano-sized Particles inside the Ink Formulation



Wash Fastness, Light Fastness and Color Fastness to Rubbing

Colour	Light Fastness	Wash Fastness				Rubbing Fastness			
		Neutral		Alkaline		Dry		Wet	
		Colour Change	Staining	Colour Change	Staining	Colour Change	Staining	Colour Change	Staining
Cyan	7	5	5	5	5	4-5	5	4-5	5
Magenta	7	5	5	5	5	5	5	5	5
Yellow	6	5	5	5	5	5	5	5	5
Black	7	5	5	5	5	4-5	5	4-5	5