

# Splashjet Profile



*Manufacturer of Quality Inkjet Inks*

# SPLASHJET

*Colouring Your World*

## Splashjet – About Us

### Manufacturer of Quality Inkjet Inks

- Established in 2006
- Dedicated 10 years of Inkjet
- Based in India, Nagpur City, Maharashtra State

### Wide Range of Inkjet Inks

- Desktop Printer Inks
- Large Format Printer Inks
- Digital Textile Printing Inks
- Industrial Inkjet Inks

**ISO 9001: 2008 QMS certified**

**ISO 14001: 2004 EMS certified**



## Product Range

### Wide Range -

- Inks for Desktop Printers (SOHO + Photo)
- Inks for Large Format Printers (Photo + LFP + Plotters)
- Sublimation Inks for Transfer Printing
- Inks for Digital Textile Printing
- Inks for Industrial Inkjet Printers



**Inks for Desktop**



**Inks for Digital Textile**



**Inks for Sublimation**



**Inks for LFP**

## Product Range - I

### Desktop Printer Inks

- Dye Base Inks
- Pigment Base Inks
- Sublimation Inks

### Available For :

- Epson
- HP
- Canon
- Brother
- Ricoh
- Lexmark



## Product Range - II

### Large Format Printer Inks

- Dye Base Inks
- Pigment Base Inks
- Sublimation Inks

### Available For :

- Epson
- HP
- Canon
- Noritsu
- Fuji
- Mutoh
- Mimaki
- Roland
- Encad



## Digital Textile Printing Inks

- Reactive Dye Inks
- Textile Pigment Inks
- Sublimation Inks

### Available For :

- Epson
- Xaar
- Ricoh
- Konica Minolta
- Fuji Dimatix
- Panasonic



### Specialty Inkjet Inks

- Digital Inkjet Press Inks
- Inkjet Label Press Inks
- Inkjet Engraver Inks
- Positive Inkjet Film Inks
- Custom Ink Development



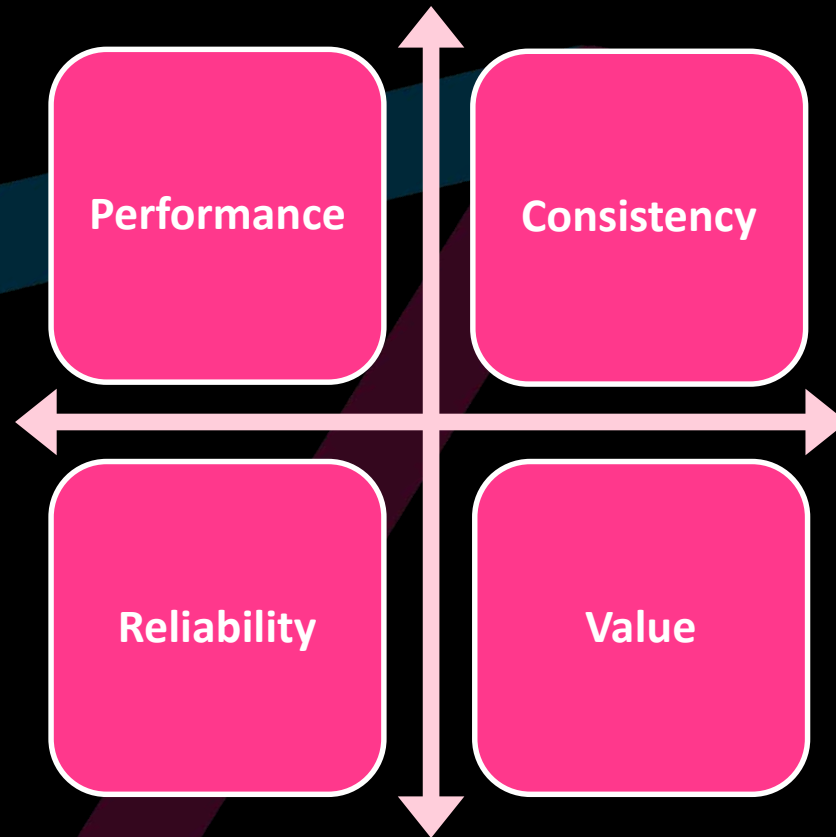
## Why Splashjet ?

- High “Ink Reliability”
- “Ink Consistency”
- Continuous Improvement
- Infrastructure
- Good “Ink Manufacturing” Practices
- Team Splashjet
- Ethical & Responsible
- Application Support





# Splashjet Inks



# Advanced Technology

## **Pigment Stabilization -**

Nano size particle grinding and stabilization technique is used to disperse pigment particle in inks to ultrafine nano range. Specially developed stabilization technology plays important role in formulating inks with excellent stability and consistency.

## **Dye Purification Technology -**

We use latest Reverse Osmosis Systems to obtain high purity dyes. These dyes ensure excellent run-ability and long print head life. Especially for thermal printers, low salt content is extremely important for print head performance.

## **Quality Formulations -**

Inks are formulated specific to the application & printers. Formulations are iterated 100s of times to achieve excellence in performance. In-house product development technology helps us deliver application specific inks.

## **Nano Filtration -**

This technique allows us to remove undesired particles from ink to ensure contamination free product. All our inks are filtered through high quality membrane filters removing all impurities from the inks.

# Ink Reliability

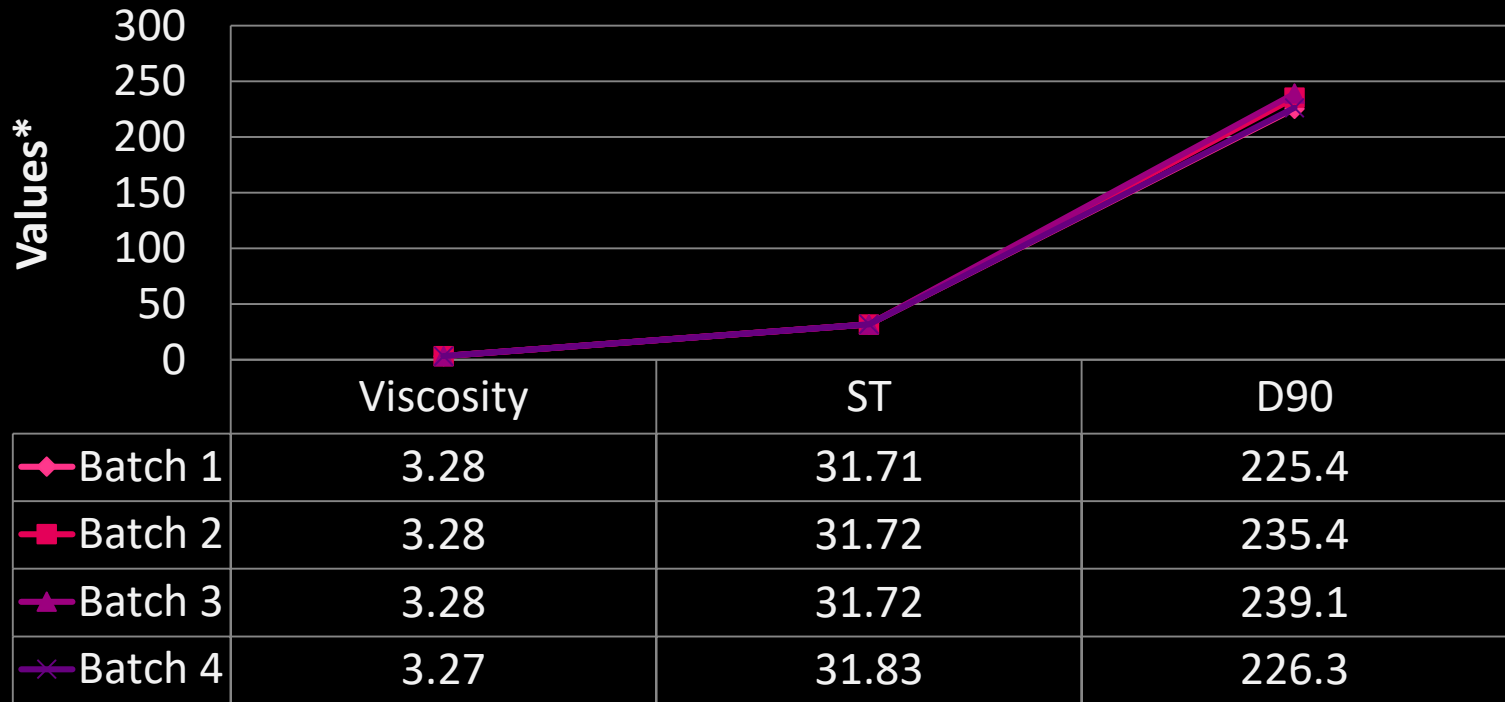
## Consistent Colors

- Optical Density
- 'Lab' Values
- Particle Size Consistency

## Application Tests

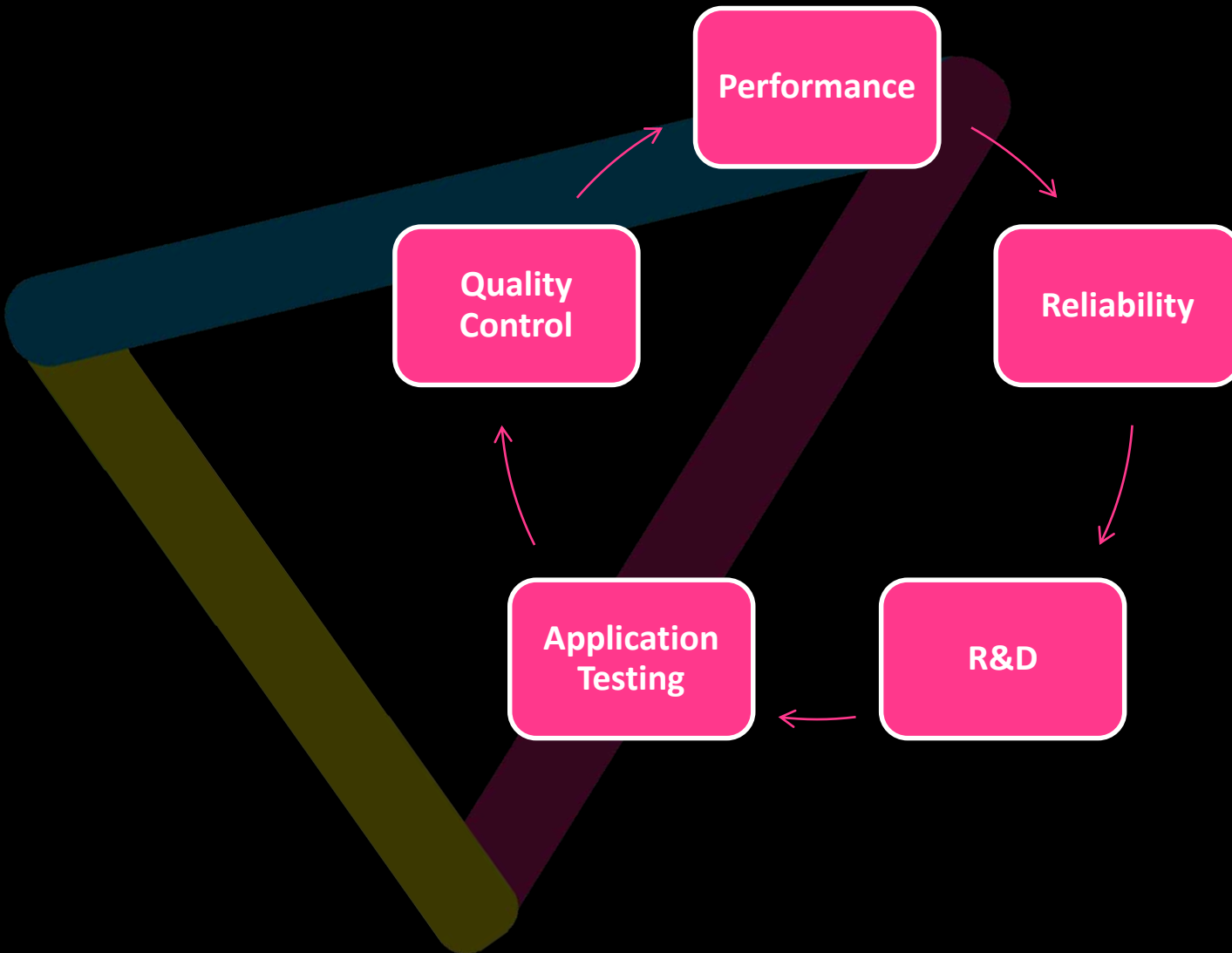
- Jet-ability
- Run-ability
- Non Clogging Performance
- Stability Tests (Weathering)

# Ink Consistency – A Glimpse



**Sample data collected for production data with major raw material batch changes.**  
 Viscosity measured by rotational viscometry, ST measured by DuNoy Ring Method and Particle Size analyzed by Scattered Laser Diffraction Analysis

# Continuous Improvement



- **IC & HPLC**
- **Weathering Chambers**
- **Particle Size Analyzers**
- **Dynamic & Static Surface Tension**
- **Absorbance Spectroscopy Analysis**
- **Viscosity, pH, Conductivity Measurements**
- **Spectrophotometers – Color Measurements**

- Clean Room Environment
- Raw Material Quality Checks
- Minimum Human Intervention
- Automated Packaging
- In Process Quality Checks

Physical Parameters

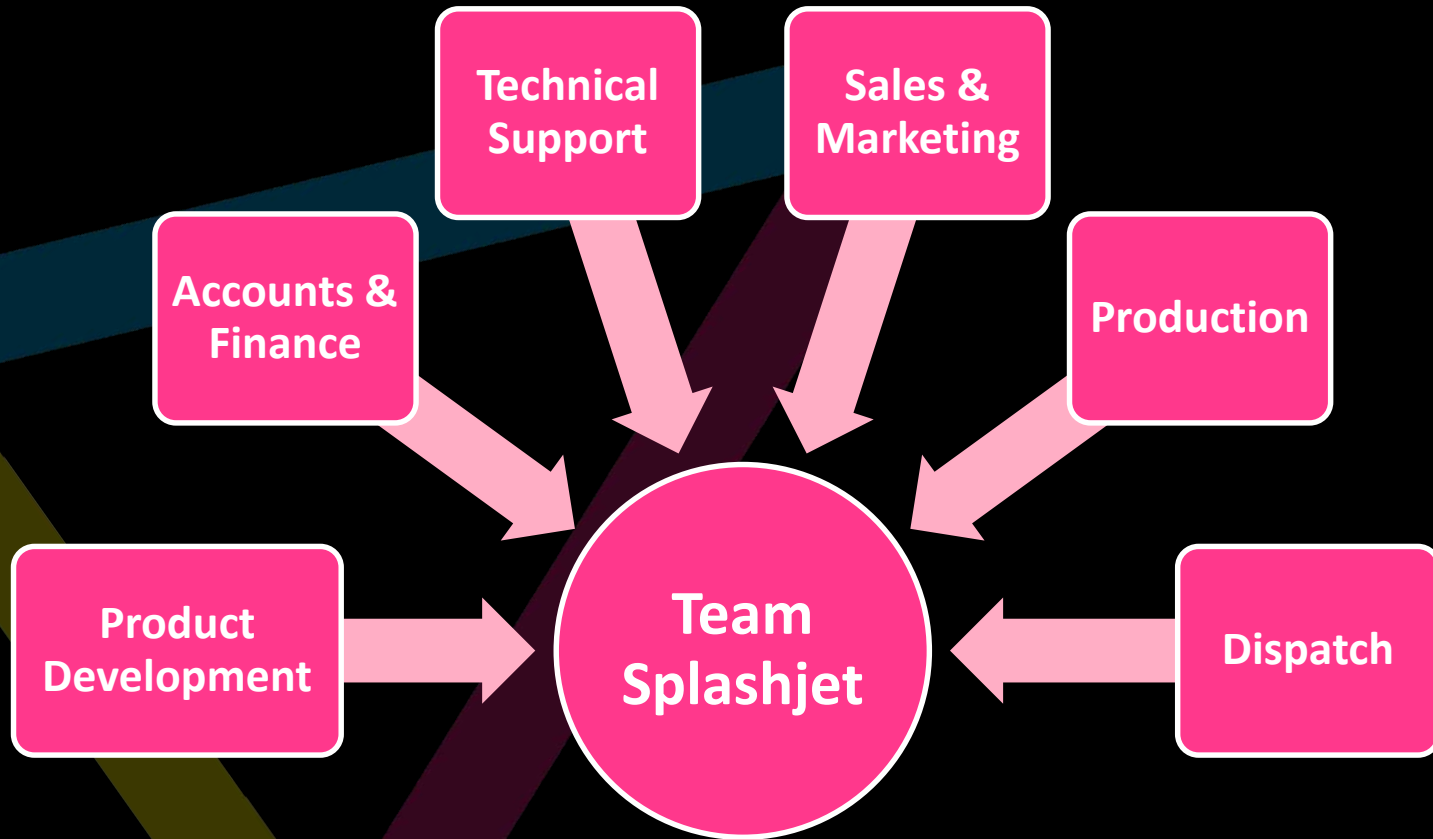
**pH, ST, Viscosity, Density, PSA**

Color Strength

**Density, Spectral Strength, 'Lab' Values**



# Team Splashjet



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**Thanks !!!**

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