



## **Product main features**

BIC® 4 Colours Smooth is a retractable ball pen containing four (4) ultra-low viscosity ink colour cartridges. The 1.0 mm cartridges produce 0.32 mm line widths and offer long mileage to the consumer. Barrels are coated in tear drop design. BIC® 4 Colours Smooth is manufactured in France and assembled in Tunisia factory at BIC factories.

## **Lanyard loop Ball Pen cartridges made by BIC** Ultra-low viscosity ink: **Actuation system** - Ultra-smooth writing Easy to use actuation system - 24 month shelf life Ink Colours: POM upper part Very good resistance **Ball Pen point made by BIC POM Clip** Break resistant State-of-the-art and highly precise manufacturing process for a regular ink flow **ABS** connector Tungsten carbide ball - Perfectly spherical and resistant ball - 100% of the balls are controlled **ABS** round barrel - Ensures quality and writing precision Resistant to impact

# **Manufacturing process and controls**

- Ø 1.0 mm for average line width of 0.32 mm

#### Manufacturing controls:

- Incoming inspection on all raw materials and sourced components.
- Full Automatic injections molding with Semi and Manual assembly equipment.
- Products are audited prior to shipment.
- Retention samples kept for reference.

## Design Tested controls:

- Ink & Point physio-chemial measure.
- Mileage, laydown, weight loss, system robustness.
- Consumer abuse (drop test, clip strength).
- Various retention / actuation forces.
- Age tested in various environmental conditions.

#### Production controls:

- Dimensional control on molded components checked at standard intervals.
- All components checked for presence and functionality during assembly.
- AQL standards used in approval of All components.

## Compliance with standards and regulations

## Product /

- European Regulation 1907/2006 and amendments. REACH Annex XVII - n°23, 50, 51 & 52
- U.S. Regulation CPSIA 16 CFR Ch. II Part 101 (a), Part 108, Part 1303
- Minnesota regulation Chapter 60 HF. No. 2310
- Washington State regulation RCW 70A. 430. 020
- EN71-3 1995

#### Packaging

- Packaging compliant with packaging & packaging waste European directive (94/62/EC)

# **Environment and social responsibility**

## Environment

- ISO 9001 certified factories
- ISO 14001 certified factory
- PVC free product
- Refillable(1)

## Social responsibility

- Made in France/assembled in Tunisia
- BIC Group Code of Conduct based on ILO conventions
- Self assessment process with corrective action plan



## **Logistics data**

#### Product

- Length: 144.0 mm
- Diameter: 16.0 mm
- Weight: 11.48 g

#### Packaging

- Blister of 1
- Box BCL of 12
- Tubo BCL of 30
- Refills blue of 2
- Refills black of 2





## **Product main features**

BIC® 4 Colours Smooth Gradient decorative barrel is a retractable ball pen containing four (4) ultra-low viscosity ink colour cartridges. The 1.0 mm cartridges produce 0.32 mm line widths and offer long mileage to the consumer. Barrels are coated in three (3) trendy and shiny gradient designs, BIC® 4 Colours Smooth Gradient is manufactured in France and assembled in Tunisia factory at BIC factories.

## Lanyard loop **Ball Pen cartridges made by BIC** Ultra-low viscosity ink: **Actuation system** - Ultra-smooth writing Easy to use actuation system - 24 month shelf life POM upper part Very good resistance Ink Colours: **POM Clip** Break resistant Ball Pen point made by BIC **ABS** connector State-of-the-art and highly precise manufacturing process for a regular ink flow **Barrel Decoration** 3 different colours Tungsten carbide ball - Perfectly spherical and resistant ball **ABS** round barrel - 100% of the balls are controlled Resistant to impact - Ensures quality and writing precision

# Manufacturing process and controls

- Ø 1.0 mm for average line width of 0.32 mm

#### Manufacturing controls:

- Incoming inspection on all raw materials and sourced components.
- Full Automatic injections molding with Semi and Manual assembly equipment.
- Products are audited prior to shipment.
- Retention samples kept for reference.

## Design Tested controls:

- Ink & Point physio-chemial measure.
- Mileage, laydown, weight loss, system robustness.
- Consumer abuse (drop test, clip strength).
- Various retention / actuation forces.
- Age tested in various environmental conditions.

#### Production controls:

- Dimensional control on molded components checked at standard intervals.
- All components checked for presence and functionality during assembly.
- AQL standards used in approval of All components.

# **Compliance with standards and regulations**

- European Regulation 1907/2006 and amendments, REACH Annex XVII - n°23, 50, 51 & 52
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# **Environment and social responsibility**

#### Environment

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### Social responsibility

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- BIC Group Code of Conduct based on ILO conventions
- Self assessment process with corrective action plan
- Products audited prior to shipment



## **Logistics data**

### Product

- Length: 144.0 mm
- Diameter: 16.0 mm
- Weight: 11.48 g

## Packaging

- Blister of 1, 2, 5
- Pack of 3
- Box BCL of 12
- Tubo BCL of 30
- Refills blue of 2
- Refills black of 2