

## TECHNICAL DATA SHEET

### BK - RT 540

BK- RT 540 is a liquid concentrated product used at room temperature for obtaining black colour by immersion on mild steel and iron castings.

BK- RT 540 is widely used in automobile fasteners and hardware industries.

#### MAKE UP:

Concentration	150 – 200 ml
Water	800-850 ml
Time	1 -2 minutes
Temperature	25-40°C

#### PROCESS:

- Cleaning (P-40 60-80 gm/l)
- Water rinse
- Water rinse
- Acid dip (Hcl 50-60%)
- Water rinse
- Water rinse
- BK- RT 540
- Water rinse
- Water rinse
- Oiling

#### CONTROL:

Pipette 10 ml of sample solution in conical flask at 40-50 ml DM water.

Add few drops of Bromocresol green indicator solution

Titrate with 0.1 N NaOH till colour changes from greenish yellow to blue.

**CALCULATION:**

Concentration of BK- RT 540 = ml of 0.1 N NaOH x 7.7

**CAUTION:**

BK- RT 540 is mild acidic solution and care should be taken while handling the same.

**DISCLAIMER:**

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