

## Material: IS 5743 Cu Cd 60

### Standard Specification for Copper Master Alloys

**Group:** Non-Ferrous Copper Alloy

**Sub Group:** IS 5743 Copper Master Alloys

**Application:** Intended for Valve, Pump, General Engineering, Automotive and Other Industries Grade

**Belongs to the Industry:** Casting, Rod and Bar

| Chemical Composition |      |                 | Heat Treatment          |   |
|----------------------|------|-----------------|-------------------------|---|
| Cadmium              | Cd % | 59.000 - 61.000 | As Raw                  |   |
| Copper               | Cu % | 99.500 max.     |                         |   |
| -                    | -    | -               |                         |   |
| -                    | -    | -               |                         |   |
| -                    | -    | -               |                         |   |
| -                    | -    | -               |                         |   |
| -                    | -    | -               |                         |   |
| -                    | -    | -               |                         |   |
| -                    | -    | -               |                         |   |
| -                    | -    | -               |                         |   |
| -                    | -    | -               | Mechanical Properties   |   |
| -                    | -    | -               | Tensile Strength in Mpa | - |
| -                    | -    | -               | Yield Strength in Mpa   | - |
| -                    | -    | -               | Elongation in %         | - |
| -                    | -    | -               | Reduction of Area in %  | - |
| -                    | -    | -               | Hardness in BHN         | - |
| -                    | -    | -               | Impact in Joule         | - |

| Cross Reference Table |          |         |                              |
|-----------------------|----------|---------|------------------------------|
| Material              | Standard | Country | Grade Belong to the Industry |
| -                     | -        | -       | -                            |
| -                     | -        | -       | -                            |
| -                     | -        | -       | -                            |
| -                     | -        | -       | -                            |
| -                     | -        | -       | -                            |
| -                     | -        | -       | -                            |
| -                     | -        | -       | -                            |

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