

## **Spectrographic Zinc-Base Die-Casting Alloy F, Block**

|                 |                                   |
|-----------------|-----------------------------------|
| Art. ID         | NIST-630                          |
| Unit            | disc                              |
| Deliverydetails | No Dangerous Good /not restricted |

### Description

This Standard Reference Material (SRM®) is intended primarily for evaluating chemical and instrumental methods of analysis of zinc-base die-casting alloys. NIST-630 is one of a series of reference materials (SRMs 625 through 630) for this purpose. A unit of NIST-630 consists of a bar segment approximately 44 mm square and 19 mm thick. The metallurgical condition is that resulting from a continuous chill casting process. Certified values /// Sample value(s) - please ask for current certificate.

| Text/Information | Analyte/Parameter | CAS number  | Concentration/Value | Unit | Method | Source |
|------------------|-------------------|-------------|---------------------|------|--------|--------|
|                  | Aluminium (Al)    | [7429-90-5] | 4,3                 | %    |        |        |
|                  | Cadmium (Cd)      | [7440-43-9] | 0,0048              | %    |        |        |
|                  | Chromium (Cr)     | [7440-47-3] | 0,0031              | %    |        |        |
|                  | Copper (Cu)       | [7440-50-8] | 0,976               | %    |        |        |
|                  | Iron (Fe)         | [7439-89-6] | 0,023               | %    |        |        |
|                  | Lead (Pb)         | [7439-92-1] | 0,0083              | %    |        |        |
|                  | Magnesium (Mg)    | [7439-95-4] | 0,03                | %    |        |        |
|                  | Manganese (Mn)    | [7439-96-5] | 0,0106              | %    |        |        |
|                  | Nickel (Ni)       | [7440-02-0] | 0,0027              | %    |        |        |
|                  | Silicon (Si)      | [7440-21-3] | 0,022               | %    |        |        |
|                  | Tin (Sn)          | [7440-31-5] | 0,004               | %    |        |        |