

## **Zinc Base Alloy E-ASTM AC 41A**

Art. ID	NIST-629
Unit	block
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-629 is one of a series of reference materials (SRMs 625 through 630) for this purpose. A unit of NIST-629 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]	5,15	%		
	Cadmium (Cd)	[7440-43-9]	0,155	%		
	Chromium (Cr)	[7440-47-3]	0,0008	%		
	Copper (Cu)	[7440-50-8]	1,5	%		
	Iron (Fe)	[7439-89-6]	0,017	%		
	Lead (Pb)	[7439-92-1]	0,0135	%		
	Magnesium (Mg)	[7439-95-4]	0,094	%		
	Manganese (Mn)	[7439-96-5]	0,0017	%		
	Nickel (Ni)	[7440-02-0]	0,0075	%		
	Silicon (Si)	[7440-21-3]	0,078	%		
	Tin (Sn)	[7440-31-5]	0,012	%		