

102.17 - Zinc Base Alloys (block, chip and disk forms)

SRM 1740, 1741, and SRM 2139 are specially prepared alloys primarily intended for use with spectrometric methods of analysis.

PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

Concentration are expressed as mass fraction, in %

SRM	Description	Unit of Issue	Aluminum	Cadmium	Calcium	Chromium	Copper	Gallium	Germanium	Indium	Iron	Lead	Magnesium	Manganese	Nickel	Silicon	Silver	Tin	Zinc
625	Zinc-Base Die-Casting Alloy A (block form)	block	3.06	0.0007		0.0128	0.034				0.036	0.0014	0.070	0.031	0.0184	0.017			0.0006
626	Zinc-Base Die-Casting Alloy B (block form)	block	3.56	0.0016		0.0395	0.056				0.103	0.0022	0.020	0.048	0.047	0.042			0.0012
627	Zinc-Base Die-Casting Alloy C (block form)	block	3.88	0.0051		0.0038	0.132				0.023	0.0082	0.031	0.014	0.0029	0.021			0.0042
628	Zinc-Base Die-Casting Alloy D (block form)	block	4.59	0.0040		0.0087	0.611				0.066	0.0045	0.0094	0.0091	0.030	0.008			0.0017
629	Zinc-Base Die-Casting Alloy E (block form)	block	5.15	0.0155		0.0008	1.50				0.017	0.0135	0.094	0.0017	0.0075	0.078			0.012
630	Zinc-Base Die-Casting Alloy F (block form)	block	4.30	0.0048		0.0031	0.976				0.023	0.0083	0.030	0.0106	0.0027	0.022			0.0040
631	Spectrographic Zinc Spelter (Modified)	block	0.50	0.0002	<0.001	0.0001	0.0013	(0.002)	(0.0002)	0.0023	0.005	(0.001)	(<0.001)	0.00015	(<0.0005)	(0.002)	(<0.0005)		0.0001
1740	Zinc-Aluminum Alloy	disk	0.4177									0.0691							
1741	Zinc-Aluminum Alloy	disk	0.5242									0.1571							
2139	Zinc-Aluminum Alloy	100 g	0.2042									0.0302							
2426	55 % Aluminum-Zinc Alloy	40 g	58.18								0.454					1.925			38.92

- Certified values are normal font.

- Non-certified and reference values are italicized.

- Values of potential interest and information values are within parentheses.