

## PRODUCT DATA SHEET

### ZINC CALOTS FOR BATTERIES

#### (FOR PRODUCTION OF ZINC CANS BY EXTRUSION)

#### **1. PHYSICAL AND CHEMICAL CHARACTERISTICS**

- 1.1 Calots are produced from high purity Zinc
- 1.2 Extremely low level of impurities
- 1.3 Calots can be supplied lubricated or non-lubricated, in round or hexagonal shape, according to the table below

#### **2. STANDARD DIMENSION TOLERANCES**

DIMENSION	TYPE						
	R20 Round	R20 Hexagonal	R14 Round	R14 Hexagonal	R12 Round	R6 Round	R3 Round
Diameter (mm)	± 0,10	-	± 0,10	-	± 0,10	± 0,10	± 0,10
Length of diagonal (mm)	-	± 0,20	-	± 0,20	-	-	-
Weight (g)	± 0,55	± 0,55	± 0,30	± 0,30	± 0,30	± 0,15	± 0,15
Thickness (mm)	± 0,10	± 0,10	± 0,10	± 0,10	± 0,10	± 0,10	± 0,10

### 3. STANDARD ALLOYS

The standard alloy types available are:

PMA: Zinc – Lead – Manganese

Pb	Cd	Mn	In	Mg	Fe	Cu	Zn
0,2 - 0,3	≤ 0,003	0,04 - 0,06	≤ 0,001	≤ 0,000 5	≤ 0,003	≤ 0,001	Balance

PXE: Zinc – Lead – Cadmium

Pb	Cd	Mn	In	Mg	Fe	Cu	Zn
0,2 - 0,3	0,04 - 0,07	≤ 0,003	≤ 0,001	≤ 0,000 5	≤ 0,003	≤ 0,001	Balance

PMG: Zinc – Lead – Magnesium

Pb	Cd	Mg	Fe	Cu	Zn
0,2 - 0,3	≤ 0,002	0,0006 - 0,0012	≤ 0,002	≤ 0,001	Balance

### 4. STANDARD PACKAGING

- 80 woven polypropylene sacks of 25 kg each, arranged on a plastic wrapped pallet
- 2 big bags of 1000 kg each, arranged on a plastic wrapped pallet

