

# PHQ32

EverZinc's **unique atomization process** offers zinc powders of the **highest purity** for higher efficiency and selectivity in **life science** reactions.

**Applications :**

- . Clemmensen and other reduction reactions
- . Simmons Smith reaction
- . Dehalogenation reactions
- . Organic reactions

**Packaging :**

(UN approved)

- . Paper bags **25 kg**
- . Metal drums **25 - 100 kg**
- . Big bags **250 kg - 1500 kg**

**Shelf life :**

(Recommended)

- . Paper bags **12 months**
- . Metal drums **12 months**
- . Big bags **12 months**

**Storage :**

Indoor in a dry ventilated location.

To maximize the shelf life and maintain product integrity, do not open the packaging until material is to be used.

| Physical data                     | Method       | Specification           |
|-----------------------------------|--------------|-------------------------|
| Particle size (x50)               | Sympatec     | 4.7 - 7.4 $\mu\text{m}$ |
| Cut off diameter                  | Sympatec     | $\leq 32 \mu\text{m}$   |
| Sieve residue at 45 $\mu\text{m}$ | Sieving      | $\leq 0.01 \%$          |
| Bulk density (typical)            | ASTM B329-06 | 2.2 g/cm <sup>3</sup>   |

| Chemical data | Method      | Specification  |
|---------------|-------------|----------------|
| Total zinc    | Calculation | $\geq 99\%$    |
| Metallic zinc | Titration   | $\geq 97 \%$   |
| Pb            | AAS         | $\leq 0.003\%$ |
| Cd            | AAS         | $\leq 0.001\%$ |
| Fe            | AAS         | $\leq 0.002\%$ |

The information contained herein has been compiled to the best of EverZinc' knowledge and is presented without any obligation.

**EverZinc Belgium S.A.**  
**Plant & Commercial Offices**

Rue de Chênée 53/2  
4031 Angleur  
Belgium  
Email: [contact.angleur@everzinc.com](mailto:contact.angleur@everzinc.com)  
Phone: +32 4 366 64 11  
Website: [www.everzinc.com](http://www.everzinc.com)

**EverZinc HQ**

Fullbright Tower  
Mc Kinney 1301, Ste 1575  
Houston, TX 77010  
USA

