Indian Standard IS 209 : 2024- Your Guide to Refined Zinc

Refined zinc is a high-purity metal zinc used in various applications, including **Galvanizing (protecting steel from corrosion),Die-casting (making small metal parts),Brass production, Batteries, Cosmetics and pharmaceuticals.**

Good Quality Parameters of **refined zinc High purity i.e,(min. 98.5% zinc content),Low impurities (lead, cadmium, iron, etc.),** Consistent chemical composition, Good surface finish, Durability and corrosion resistance.

Indian Standard **IS 209:2024** sets strict guidelines for refined zinc production, ensuring Chemical composition control of **zinc content not less than 98.65 percent and limits the impurities** like **Lead, Iron, Cadmium, Aluminium, Tin and Copper**. The standard cover the good surface finish free of corrosion and adhering foreign matter. The standards IS 209 insure the Reliable quality, Consistent performance, Reduced risk of corrosion, Improved durability, Enhanced safety (in applications like batteries, pharmaceuticals) of refined zinc.

When purchasing refined zinc, ensure the product meets IS 209:2024 standards. Check for:

1. ISI mark
2. Standard number (IS 209:2024)
3. Manufacturer's name and code
4. Chemical composition certificate
5. Quality control documentation

By choosing refined zinc that meets IS 209:2024 standards, consumers can ensure high-quality products that meet their requirements.