

Chemical Analysis of Metal Powders

Test protocol: Atomic absorption spectrophotometer, wet chemical methods, X-ray diffraction measurement

Type of samples that can be analyzed	Report
Cobalt powder for hard metals	Conformance to the chemical requirements of IS 7505:1985 (Reaffirmed 2002)
Tungsten carbide powder for hard metals	Conformance to the chemical requirements of IS 8386:1985 (Reaffirmed 2002)
Tin powder	Conformance to the chemical requirements of IS 8367:1993 (Reaffirmed 1999)
Iron powder for powder metallurgical applications	Conformance to the chemical requirements of IS 8370:1977 (Reaffirmed 2002)
Copper powder for powder metallurgical applications	Conformance to the chemical requirements of IS 8485:1977 (Reaffirmed 2002)
Metallic zinc powder	Conformance to the chemical requirements of IS 4611:1991 (Reaffirmed 2003)
Bronze powder for metallic filters	Conformance to the chemical requirements of IS 10035:1993 (Reaffirmed 1999)
Copper lead powder	Conformance to the chemical requirements of IS 11110:1984 (Reaffirmed 2002)
Leaded bronze powders	Conformance to the chemical requirements of IS 11111:1984 (Reaffirmed 1997)
Acid insoluble content in iron powder	Conformance to the requirements of IS 7438:1985 (Reaffirmed 2002)
Acid insoluble content in copper, tin and bronze powders	Conformance to the requirements of IS 7438:1985 (Reaffirmed 2002)