Gold Bronze Powder

Standard grades A00 to B6 | special grades Deep Gold, Fire Red, Emerald Green

Product Description

Gold bronze powder is a flaked copper-zinc alloy powder that gives a gold metallic effect in inks, paints and coatings. The grades range from coarse sparkle and brilliant types, through dusting and lac types, to the finest lining and ink-lining grades. A higher water covering capacity and a smaller particle size give greater coverage and a smoother, brighter film.

Ochnology is a manufacturer and supplier of gold bronze powder, exporting from India. Standard grades are available in the A, B and C series, and the special grades Deep Gold, Fire Red and Emerald Green are available on request.

Standard Grades

Grade	Type	Water covering capacity (cm^2/g)	Particle size D50 (µm)
A00 / B00	Sparkle	1500 min	55 typical
A0 / B0 / C0	Brilliant	1700 min	40–50
O1	Dusting	1500 min	30–40
A1 / B1 / C1	Dusting	2000 min	32–39
A11	Brilliant Dusting	2700 min	31 typical
O2	Lac	1700 min	21–29
A2 / B2 / C2	Lac	2500 min	21–30
O4 / O4-S	Lining	2000 min	15–20
A3 / A3-S / A3-RS / B3 / C3	Super Lac	3500 min	15–20
A33 / B33 / C33	Brilliant Super Lac	4250 min	11–14
A44 / B44 / C44	Brilliant Lining	5000 min	9.0–10.5
A4 / B4 / C4	Lining	6000 min	7.0–8.5
A5	Super Lining	8000 min	4.0–6.5
B5	Super Lining	9000 min	4.0–6.5
C5	Super Lining	7000 min	4.0–6.5
B6 / B6-S	Super Ink Lining	11000 min	2.5–3.5

Special Grades

Grade	Type	Wet sieve <150 µm (%)	Wet sieve <45 µm (%)	Wet sieve <25 µm (%)	Water covering (cm^2/g)	D50 (µm)
D9 Deep Gold	Special	95 min	85 min	55 min	2000 min	25–45
F9 Fire Red	Special	95 min	85 min	55 min	2000 min	25–45
E9 Emerald Green	Special	95 min	85 min	55 min	–	–

Supply Details

Item	Detail
Form	Gold bronze (copper-zinc alloy) flake powder
Packing	As per order
Storage	Store dry in closed containers, away from moisture, acids and ignition sources
Certification	Test certificate (COA) supplied with each lot; third-party inspection available on request

Typical Applications

- Printing inks and gold-effect ink
- Decorative and industrial paints
- Coatings and varnishes
- Plastics and crafts

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