

# The Metal Powder Company Limited

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## Technical Data Sheet

**Description Of Goods : Gold Bronze Powder.**

**Grade : Pale Gold 18**

CHARACTERISTICS	TEST METHOD	SPECIFICATION
<b>I) Physical Analysis</b>		
1) Appearance	Visual	Pale gold flake powder
2) Sieve Analysis:	ISO-1247	
Passing through 150 µm	%	99.8 min
Passing through 45 µm	%	98.5 min
Passing through 25 µm	%	90.0 min
3) Water Covering Area	cm <sup>2</sup> /g	ISO-1247
		5000 min
4) Apparent density	g/cc	ASTM B-214
		1 max
5) Average Particle Size- d50	µm	Malvern-2000S
		18 – 24
<b>II) Chemical Analysis</b>		
1) Copper	%	Iodometry
		87.0 – 89.0
2) Zinc	%	*AAS
		8.0 – 9.0
3) Aluminium	%	*AAS
		0.8 max

\*AAS – Atomic Absorption Spectrophotometer.



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