



MATERIAL REPORT

COPPER SCRAP

ATOMIZED ON
ATO INDUCTION MELTING SYSTEM

INTRODUCTION

The goal of this report is a short summary of Copper atomization status for marketing purposes. There were multiple tests performed on Copper. The atomized material was in the form of scraps which were melted inside the ATO Induction Melting System crucible.

For each test, a microscopic analysis of the distribution, circularity, oxygen level, chemical composition, and flowability test was performed.

This report presents an overview of the findings from these tests.

AVERAGE TEST RESULTS

Table 1 Basic average values

	Diameter [μm]	Circularity
Average	42,1	0,93
Standard deviation	20,3	0,05
Max	149,3	1,00
Min	2,82	0,35

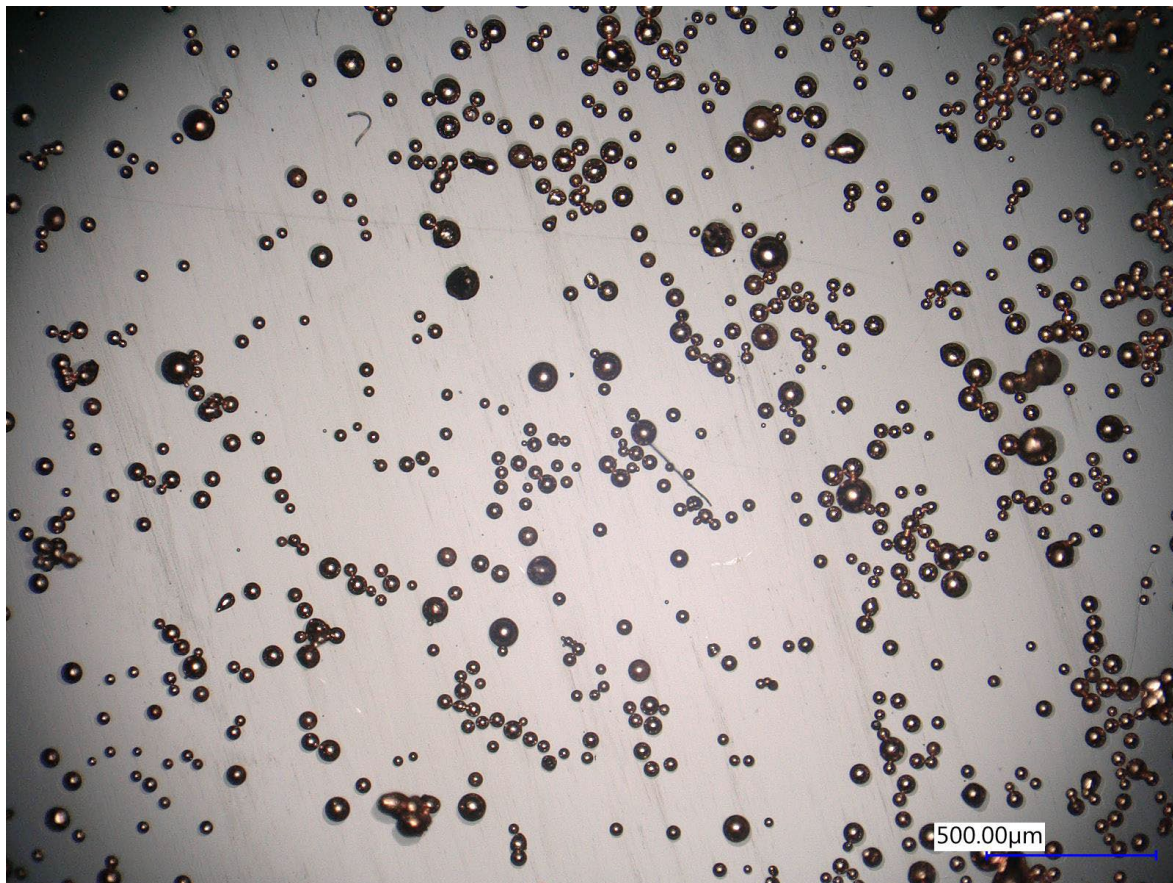


Figure 1 Photo of the material x100

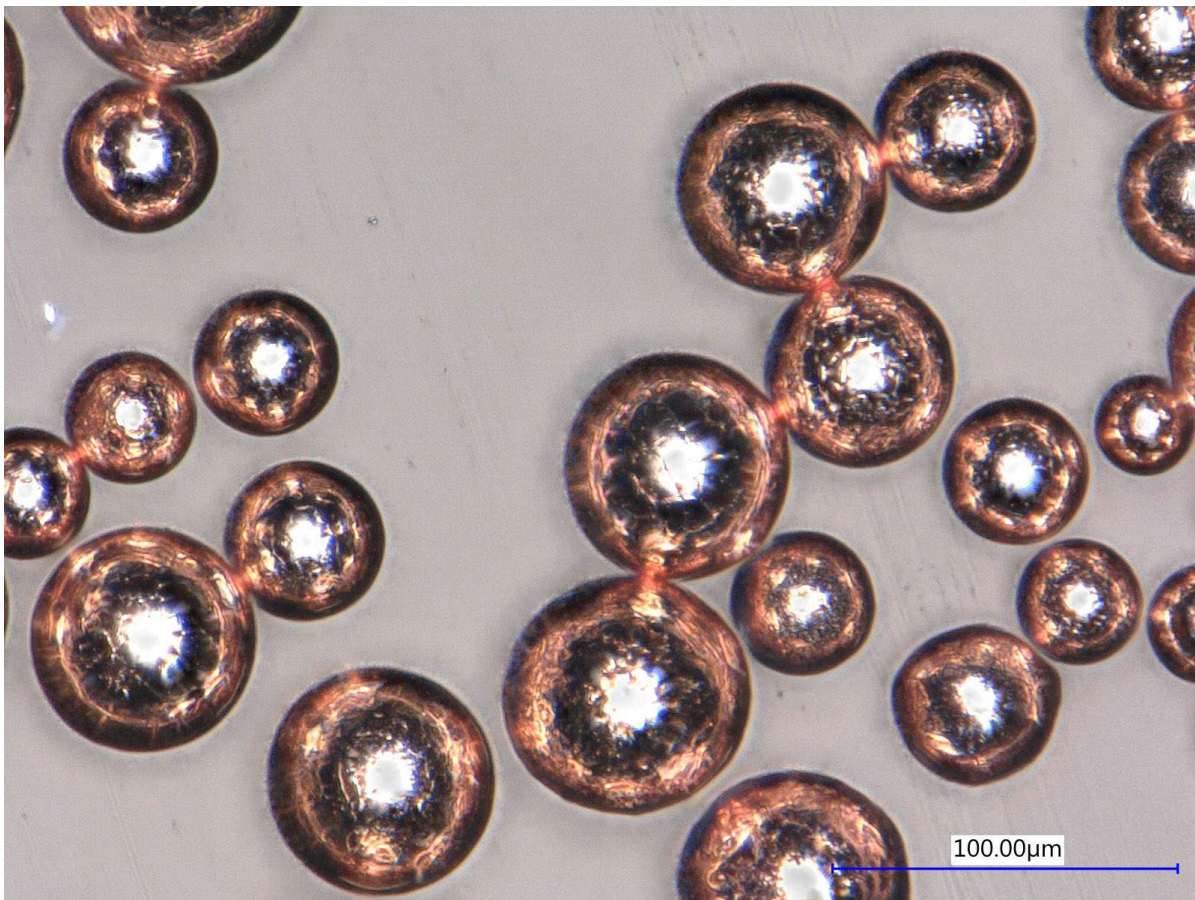


Figure 2 Photo of the material x1000

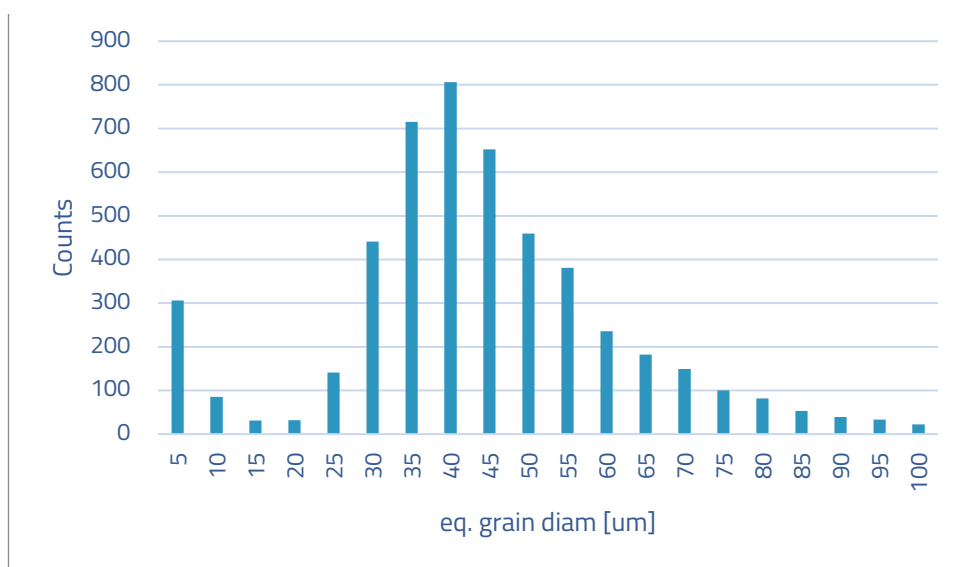


Figure 3 Histogram of the particle size distribution

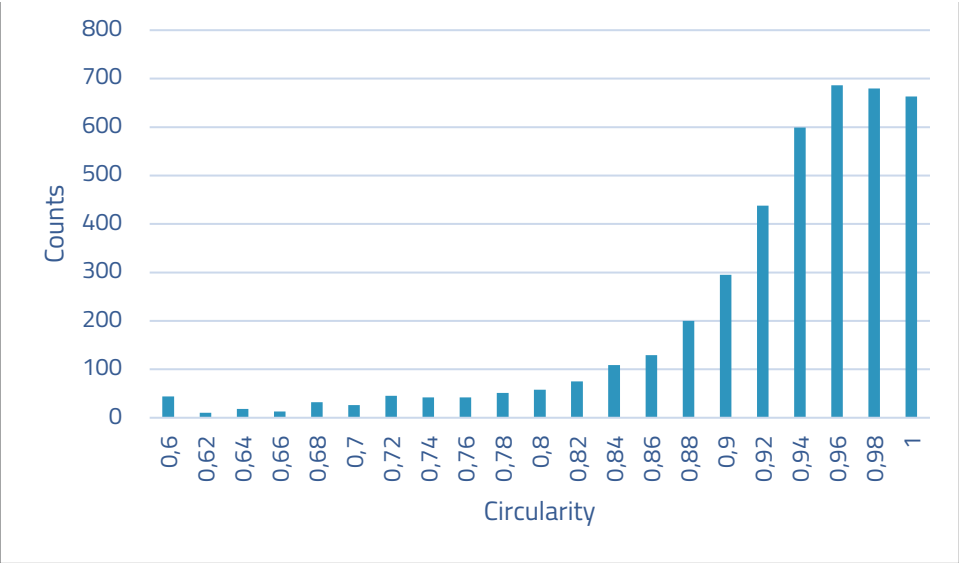


Figure 4 Histogram of the particle Circularity distribution

Table 2 Particles size distribution D10, D50, D90

D10	22,71	D50	39,75	D90	66,8
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