



MATERIAL REPORT

Aluminum 4047

ATOMIZED ON
ATO INDUCTION MELTING SYSTEM

ULTRASONIC FREQUENCY
HIGH

INTRODUCTION

The goal of this report is a short summary of Aluminum atomization status for marketing purposes. The atomized material was in the form of a $\varnothing 10$ mm rods.

For each test, a microscopic analysis of the distribution, circularity.

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

AVERAGE TEST RESULTS

Table 1 Basic average values

	Diameter [μm]	Circularity
Average	40,36	0,94
Standard deviation	15,42	0,06
Max	114,21	1,00
Min	2,2	0,29

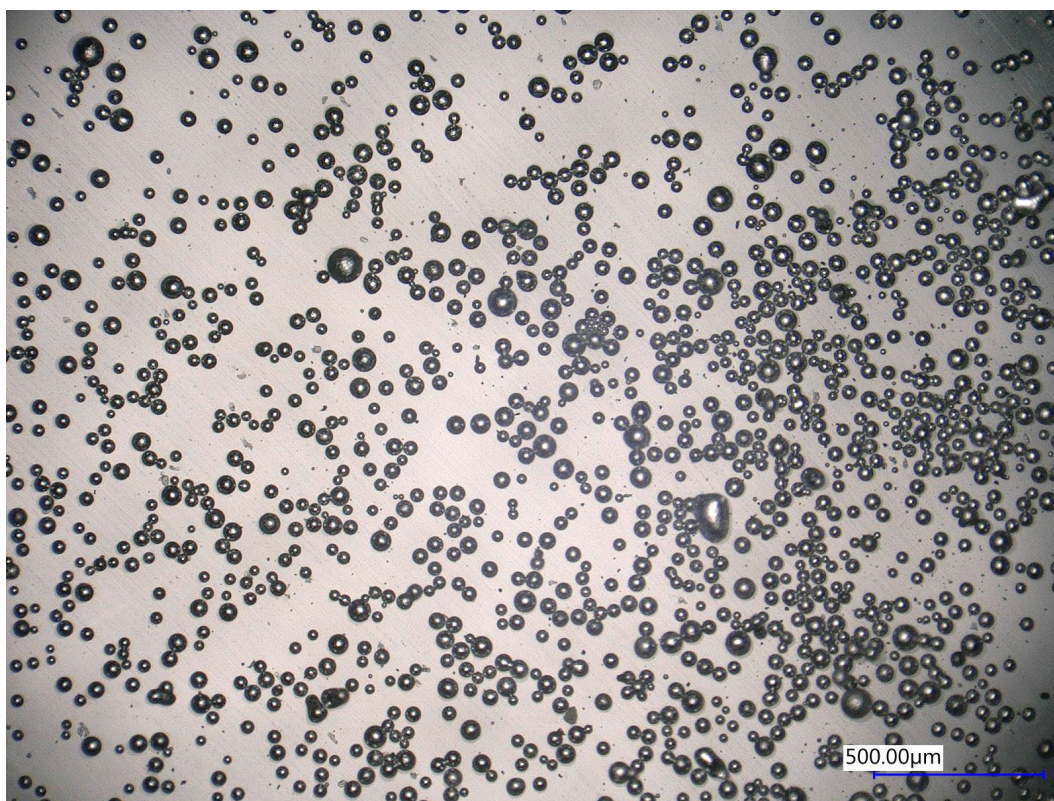


Figure 1 Photo of the material x100

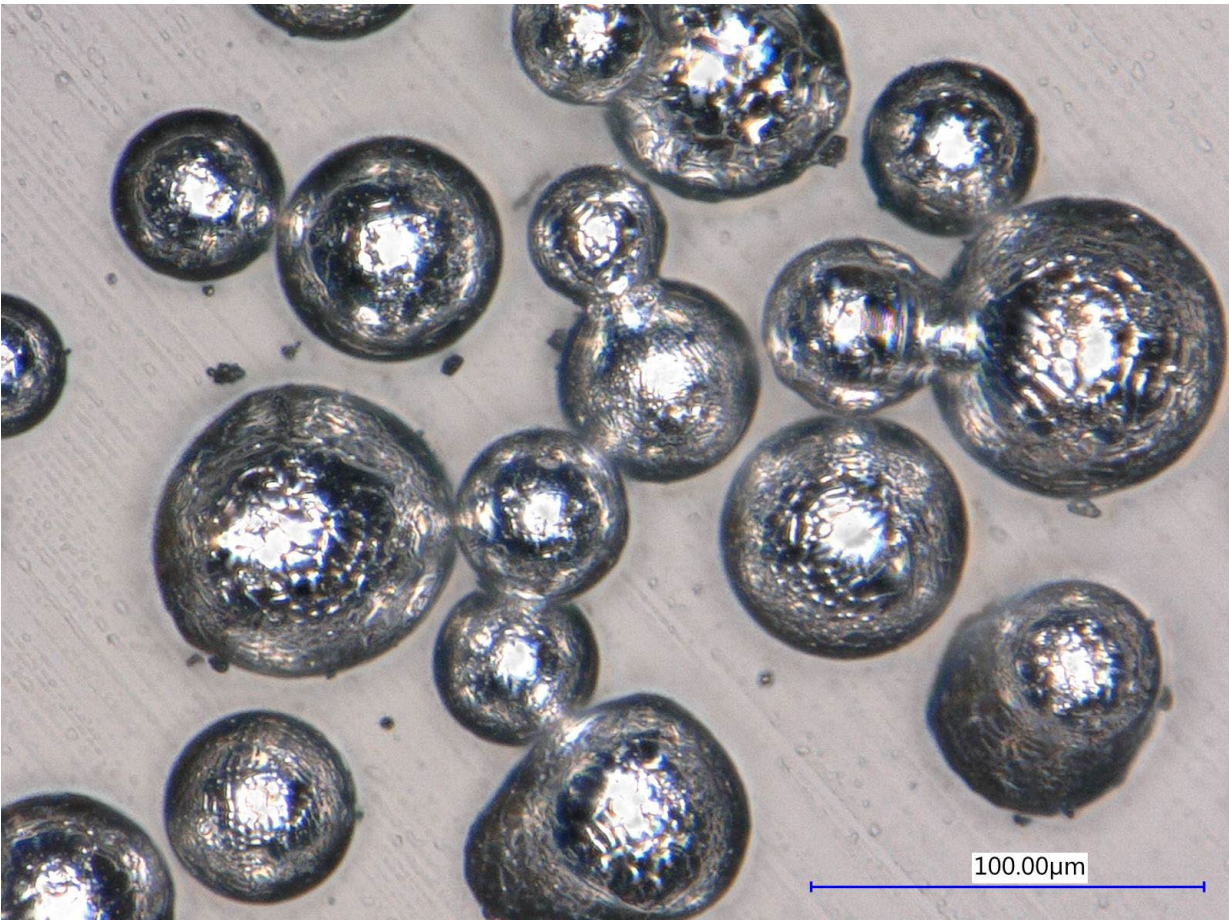


Figure 2 Photo of the material x1000

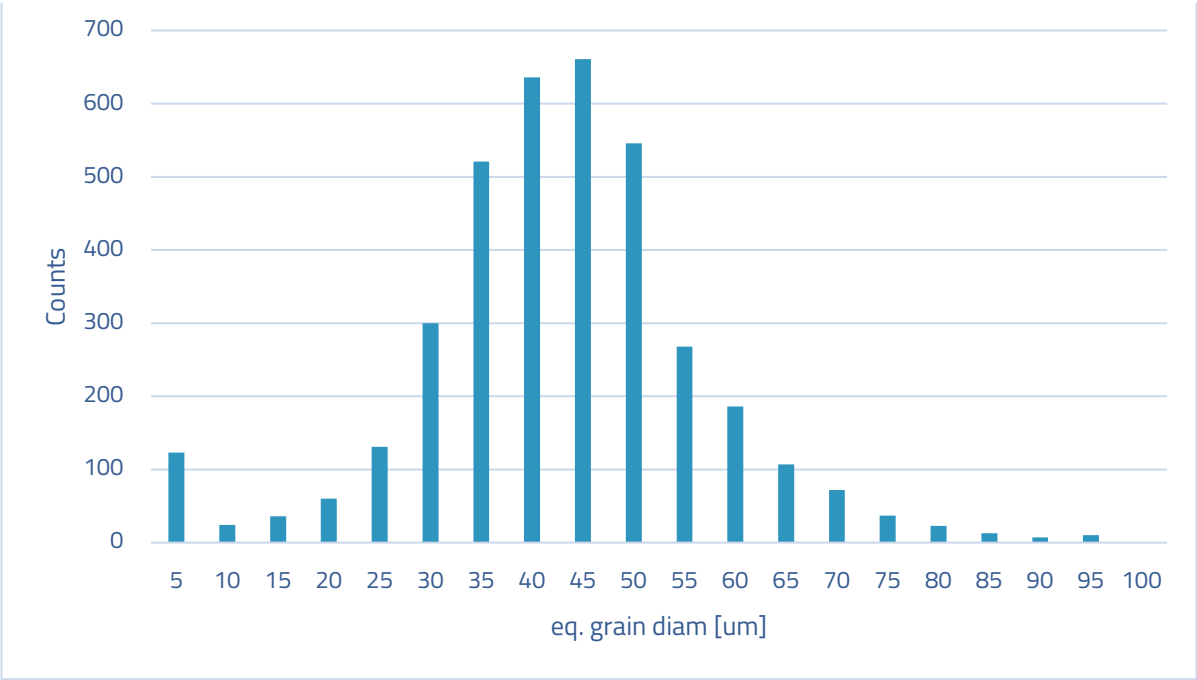


Figure 2 Histogram of the particle size distribution

Table 2 Particles size distribution D10, D50, D90

D10	25,09	D50	40,46	D90	56,91
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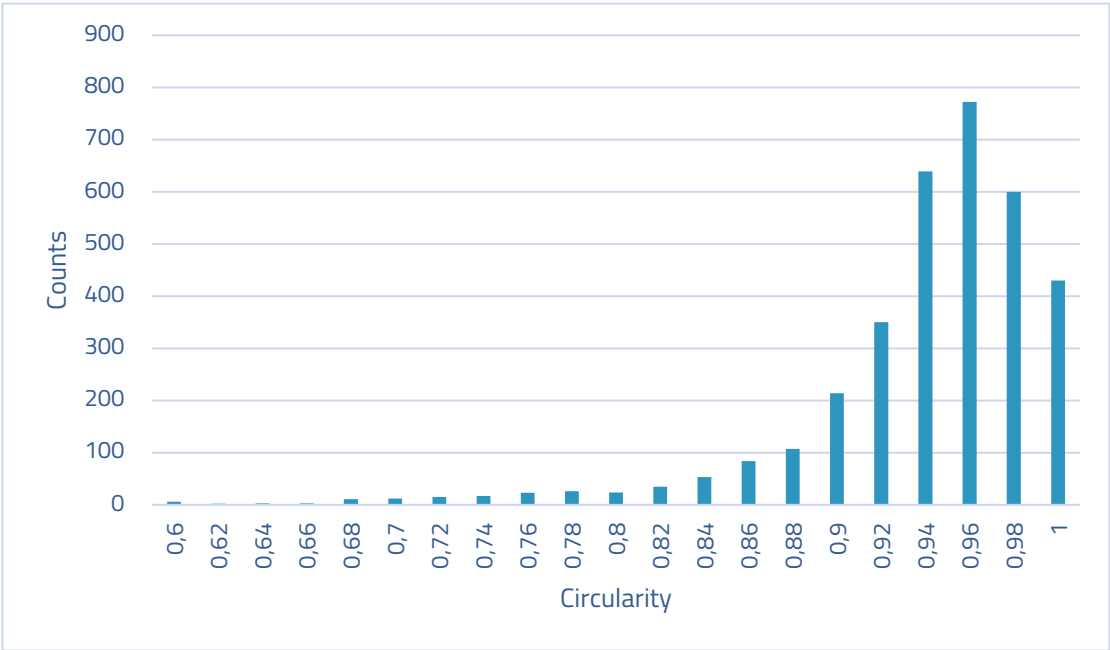


Figure 2 Histogram of the particle circularity