



Customer : Sumitomo Corporation of Americas
Sales Order N° : US-SO002310
Customer PO N° : 4500462518

Customer Reference : C00700
Product Code : CT-316MIM-SUMI
Batch N° : US81713

Revision : 0
Quantity : 300 Kg
Published Date : 27/07/2021

CHEMICAL ANALYSIS

		Units	Min	Max	Result	Approved
Al	Aluminium	weight %	0	0.50	0.07	Pass
Mo	Molybdenum	weight %	2.00	3.00	2.08	Pass
S	Sulphur	weight %	0	0.015	0.006	Pass
Si	Silicon	weight %	0	1.00	0.37	Pass
P	Phosphorus	weight %	0	0.015	0.011	Pass
O	Oxygen	weight %	0	0.07	0.06	Pass
N	Nitrogen	weight %	0	0.20	0.20	Pass
Ni	Nickel	weight %	10.0	14.0	11.4	Pass
Mn	Manganese	weight %	0	2.00	1.22	Pass
Fe	Iron	weight %	Balance	-	Balance	Pass
Cr	Chromium	weight %	16.0	18.0	17.0	Pass
C	Carbon	weight %	0	0.03	0.01	Pass
OET	Others Total	weight %	0	1.0	0.1	Pass

LASER SIZE DIFFRACTION - ASTM B822

	Units	Min	Max	Result	Approved
-22 µm	volume %	90.0	100	92.1	Pass

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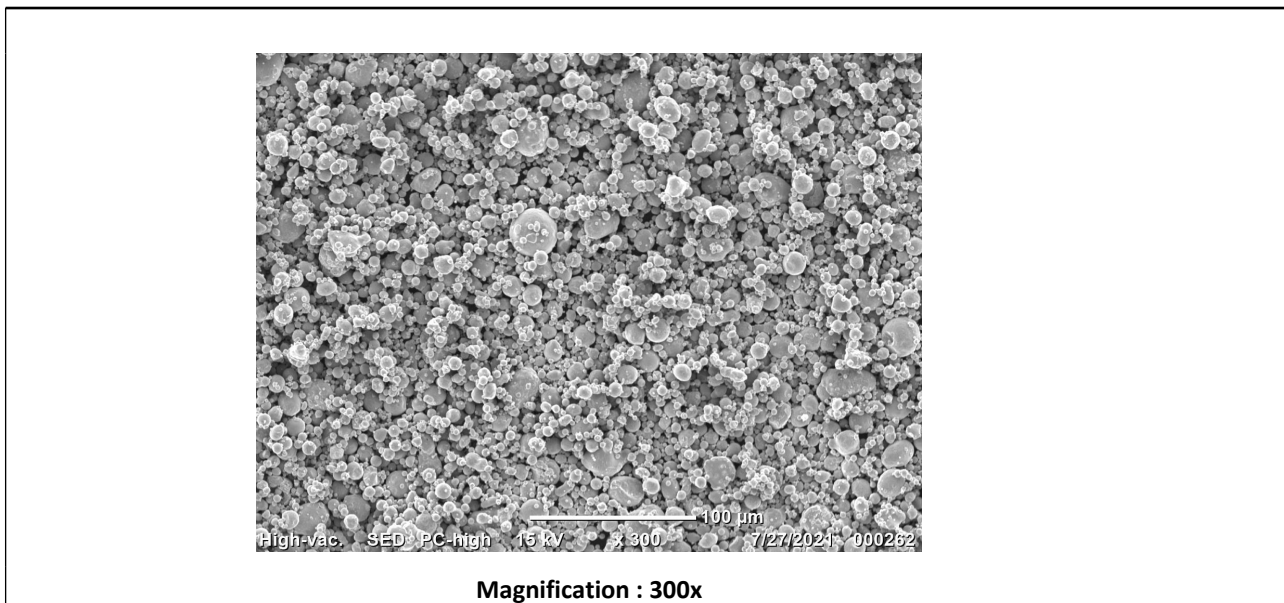
HALL FLOW - ASTM B213

	Units	Min	Max	Result	Approved
FR _H	s/50g	Info Only	-	WNF	Pass

APPARENT DENSITY - ASTM B212

	Units	Min	Max	Result	Approved
Bulk Density	g/cm ³	Info Only	-	3.2	Pass

SEM IMAGING





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NOTES

*This document is validated by suppliers authorised inspection representative in accordance with EN 10204 type 3.1 Inspection Document

Approved By	Jonathan Latta	27/07/2021
Authorised By	Maria Sawford	27/07/2021