

CERTIFICATE OF ANALYSIS: 202411270186

Material Grade	FeSiBC Powder	Product No.	MBC03-G-0040
Product Date	2024-11-19	Order No.	CNV-241017
Lot No.	20241119-03	Quantity	200 kg
Process	Gas Atomizing	Powder Size	0-40 μ m

Chemical Compositions / wt%

Element	Specification	Tested
Si	2.5-4.0	3.45
B	3.0-4.0	3.31
C	0.2-1.0	0.46
O	0.6 max.	0.29
Fe	Bal	Bal

Standards: GB/T 14265, GB/T 23942

Property

Powder Particle Size	D10/ μ m	D50/ μ m	D90/ μ m	Standards
(laser diffraction analysis)	10.7	20.9	38.7	GB/T 19077
Magnetic property (u_e)	>13			LCR-6378
Voltage resistance (kV)	>1.5			V-19053

Test condition: Temperature 25° C, Humidity 40%

Judgement: **Pass**

Check: Y. Tang

Approval: A. Xiao

Date: 2024-11-27