

DIAFE - 5100



Carbonyl-iron-powder with a particle size of app. 4 to 6 μm

Technical Specification:

Characteristic	Diafe-5100
Grain-size distribution (by Laser):	
d(10)	1,7 - 2,7 μm
d(50)	3,9 - 5,2 μm
d(90)	7,2 - 9,2 μm
Chemical Analysis:	
Iron	min. 97,8 %
C	0,75 - 0,9 %
N ₂	0,65 - 0,9 %
O ₂	0,15 - 0,4 %
4 point bending test:	1010 N/mm ²
Impact Test:	8,6 J/cm ²

Hot - Pressing - Behaviour:

