

DIAFE - 5000



Carbonyl-iron-powder with a particle size of app. 4 to 7 μm

Technical Specification:

Characteristic	Diafe-5000
Grain-size distribution (by Laser):	
d(10)	max. 4,2 μm
d(50)	max. 8,5 μm
d(90)	max. 27 μm
Chemical Analysis:	
Iron	min. 99,5 %
C	max. 0,04 %
N ₂	max. 0,01 %
O ₂	max. 0,33 %
Tap Density:	3,8 - 4,3 g/cm ³
4 point bending test:	462 N/mm ²
Impact Test:	21,3 J/cm ²

Hot - Pressing - Behaviour:

