

DIAFE - 5200



Carbonyl-iron-powder with a particle size of app. 2 - 3 μm

Technical Specification:

Characteristic	Diafe-5200
Grain-size distribution (by Laser):	
d(10)	max. 2,1 μm
d(50)	max. 3,5 μm
d(90)	max. 5,5 μm
Chemical Analysis:	
Iron	min. 99 %
C	max. 0,1 %
N ₂	max. 0,1 %
O ₂	max. 0,55 %
Apparent Density:	1,8 - 2,7 g/cm ³
4 point bending test:	680 - 730 N/mm ²
Impact Test:	to be measured

Hot - Pressing - Behaviour:

