

# DIAFE - 4100



Electrolytic-iron-powder with a particle size of 500 mesh

## Technical Specification:

Characteristic	Diafe-4100
Grain-size distribution (with MicroTrac):	
d(10)	3 - 6 $\mu\text{m}$
d(50)	6 - 10 $\mu\text{m}$
d(90)	10 - 20 $\mu\text{m}$
Chemical Analysis:	
Iron	min. 99,0 %
H <sub>2</sub> -Loss	max. 0,95 %
C:	max. 0,05 %
Apparent Density:	1,1 - 1,3 g/cm <sup>3</sup>
4 point bending test:	app. 990 N/mm <sup>2</sup>
Impact Test:	app. 2,2 J/cm <sup>2</sup>

## Hot - Pressing - Behaviour:

