

TECHNICAL DATA SHEET

FE2020

Carbonyl Iron Powder

TYPICAL PHYSICAL AND CHEMICAL DATA

FE2020 powder	
Fe (<i>wt% -O excluded</i>)	> 99.5
Oxygen content (<i>wt %</i>)	< 0.3
Carbon content (<i>wt%</i>)	< 0.03
Nitrogen content (<i>wt%</i>)	< 0.01
d10 (μm)	3.0 - 4.0
d50 (μm)	4.5 - 6.5
d90 (μm)	9.0 - 11.0
Tap density (g/cm^3)	4.0 - 4.4
Scott density (g/cm^3)	2.0 - 3.5

GENERAL INFORMATION

Umicore Cobalt and Specialty Materials produces and markets a variety of Cobalt-, Nickel-, or Tungsten-based chemicals and powders for a broad range of industrial applications including hard metals, diamond tools, pigments, catalysis, plating, paint, tires and animal feed.

www.csm.umicore.com
toolmaterials@eu.umicore.com
06/2022 - version 1