

Ferro Elettrolitico 400

Iron powder micronised

Properties: is a powder of iron produced by the electrolytic method in the form of gray powder in particles of irregular shape (flakes).

CAS-Nr.: 7439-89-6

EINECS-Nr.: 231-096-4

Specification:

Iron	≥99,6 %
Carbon	0,018 %
Chrome	≤ 10 ppm
Cobalt	≤ 20 ppm
Copper	≤ 10 ppm
Manganese	≤ 200 ppm
Nickel	≤ 10 ppm
Phosphorus	≤ 10 ppm
Sulfur	≤ 150 ppm
Zinc	≤ 10 ppm
Insolubile in acid	0,05 %
Loss in weight when heated in atmosphere of H ₂	≤ 0,5 %
Apparent Density (Hall)	2,7 g/cm ³
Apparent Density (Carney)	2,9 g/cm ³
Particle size distribution:	
d 10	≤ 11 μm
d 50	≤ 23 μm
d 90	≤ 42 μm

Packaging: polythene bags under vacuum

Note: The information provided in this data sheet are based on our present state of knowledge. Because many factors can affect the application processes, these data do not constitute acceptance of responsibility. It 'up to the user to carry out tests in its specific application conditions.