

AMPERIT[®] 154

Chemical Formula	Ti
Chemical Name	Titanium
Description of Product	Unalloyed Titanium Metal Powder per ASTM F-1580
HS Number	81081010
Grades Available	Product Designation
	AMPERIT [®] 154.096 355/200 μm
	AMPERIT [®] 154.093 125/90 μm
	AMPERIT [®] 154.007 90/16 μm
	AMPERIT [®] 154.086 - 63 μm

Chemical Characteristics

(Mass fraction in % [cg/g]; ppm [μg/g])

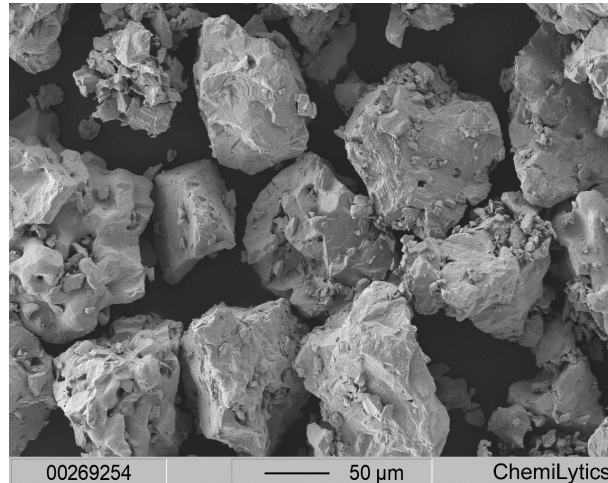
O	max.	0.40 %
N	max.	0.05 %
H	max.	0.05 %
Al	max.	0.05 %
C	max.	0.05 %
Ca	max.	0.05 %
Cl	max.	0.20 %
Cr	max.	0.05 %
Cu	max.	0.05 %
Fe	max.	0.20 %
Mg	max.	0.10 %
Mn	max.	0.02 %
Na	max.	0.05 %
Si	max.	0.05 %
W	max.	0.10 %
Zn	max.	0.05 %
Ti		balance

Physical Characteristics

Particle Size Distribution ¹⁾	154.096	154.093	154.007	154.086
+ 400 μm	max. 2 %			
+ 355 μm	max. 10 %			
- 200 μm	max. 5 %			
+ 125 μm		max. 10 %		
- 90 μm		max. 10 %		
+ 63 μm				max. 10 %
+ 90 μm			max. 10 %	
- 20 μm			max. 10 %	

1) ROTAP Screening per ASTM B 214.

SEM pictures²⁾



Packaging

Standard Packaging
for 2.5 kg in 2.5 l aluminium coated vacuum-bags.

Storage and Handling

Storage and handling are subject to the rules and regulations in the country of use.

Hazards identification in Advertising (REGULATION (EC) No 1272/2008 Article 48)

Flammable solids Category 1.

Documentation

An inspection document in accordance with EN 10204 is supplied with every shipment.

Remarks

Always mix well before using.

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