

Date of impression 09.12.2024/18:30:50  
page/of 1/1

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material denomination **Ti6Al4V ASTM Gd23 powder 20-53µm**

material-no. 031308UD0

material description spherical powder, atomized with inert gas

#### material specification

insp. characteristic	specification	unit
TI00000 Al	5,50 - 6,50	%
TI00000 C	<= 0,080	%
TI00000 Fe	<= 0,250	%
TI00000 H2	<= 0,0125	%
TI00000 N2	<= 0,030	%
TI00000 O2	<= 0,130	%
TI00000 Ti		%
TI00000 V	3,50 - 4,50	%
TI00000 Other elements, each	<= 0,10	%
TI00000 Other elements, total	<= 0,40	%
TI00528 fluidity ASTM B213	<= 40	s/50g
TI00524 bulk density, ASTM B212	>= 2,20	g/cm3
TI00009 D10	20,0 - 30,0	µm
TI00009 D50	34,0 - 45,0	µm
TI00009 D90	55,0 - 65,0	µm

total shelf life in month: 120

EC-safety data sheet-no. 031308UD0

The Data on this technical information sheet correspond with the current status of our knowledge and experience.

The liability for the application and processing of our products lies with the buyer, and he is also responsible for observing any third party rights.

We reserve the right to alter any product data as a result of technical progress or further developments in the manufacturing process.

Draft

Approval

Release

Technical services

Production

Quality control

18.10.2023

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