

Date of impression 09.12.2024/18:30:34
page/of 1/1

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material denomination **Ti6Al4V ASTM Gd5 powder 25-45 µm**
material-no. 031274UD0
material description spherical powder, atomized with inert gas

material specification

insp. characteristic	specification	unit
Ti00000 Al	5,50 - 6,75	%
Ti00000 C	<= 0,080	%
Ti00000 Fe	<= 0,400	%
Ti00000 H2	<= 0,015	%
Ti00000 N2	<= 0,050	%
Ti00000 O2	<= 0,200	%
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. 031274UD0

The Data on this technical information sheet correspond with the current status of our knowledge and experience.
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 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	18.10.2023	18.10.2023

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