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**material denomination** **Ti Gd1 45-100µm AMspheres**  
**material-no.** 031219UD0  
**material description** spherical powder, atomized with inert gas

**material specification**

<b>insp. characteristic</b>	<b>specification</b>	<b>unit</b>
TI00000 C	<= 0,080	%
TI00000 Fe	<= 0,200	%
TI00000 H2	<= 0,015	%
TI00000 N2	<= 0,030	%
TI00000 O2	<= 0,180	%
TI00000 Ti		%
TI00000 Other elements, each	<= 0,10	%
TI00000 Other elements, total	<= 0,40	%
TI00528 fluidity ASTM B213	<= 40	s/50g
TI00524 bulk density, ASTM B212	>= 2,2	g/cm3
TI00009 D10	45 - 55	µm
TI00009 D50	65 - 75	µm
TI00009 D90	95 - 110	µm

total shelf life in month: 120

EC-safety data sheet-no. 031219UD0

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
08.05.2025	08.05.2025	08.05.2025

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