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edition 18.10.2023

material denomination **AlSi10Mg EN-AC 43000 powder 20-63 µm**
material-no. 027633UL1
material description spherical powder, atomized with inert gas

material specification

insp. characteristic	specification	unit
TI00000 Al	0,0 - 0,0	%
TI00000 Cu	<= 0,05	%
TI00000 Fe	<= 0,55	%
TI00000 Mg	0,20 - 0,45	%
TI00000 Mn	<= 0,45	%
TI00000 Ni	<= 0,05	%
TI00000 Pb	<= 0,05	%
TI00000 Si	9,0 - 11,0	%
TI00000 Sn	<= 0,05	%
TI00000 Ti	<= 0,15	%
TI00000 Zn	<= 0,10	%
TI00000 Other elements, each	<= 0,05	%
TI00000 Other elements, total	<= 0,15	%
TI00525 bulk density, ASTM B417	>= 1,3	g/cm3
TI00529 fluidity, ASTM B964	<= 25	s/50g
TI00009 D10	23 - 30	µm
TI00009 D50	36 - 46	µm
TI00009 D90	57 - 65	µm

total shelf life in month: 120

EC-safety data sheet-no. 027633UL1

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

18.10.2023

18.10.2023

technical data sheet

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