

MIMETE® V 625 NACE

FOMAS Group's metal powder plant has been specifically designed to serve the additive manufacturing market. A VIGA, Vacuum Induction melting Inert Gas (argon or nitrogen) Atomization, ensures high purity and spherical powders.

FOMAS Group's guarantees the properties of the standard powder "V 625 NACE" set forth in the datasheet included in this page, which is available on stock.

PRODUCT	MIMETE® V 625 NACE	<i>According to UNS N06625 (proprietary AIMs)</i>
<i>Nickel-chromium alloy offering excellent oxidation and corrosion resistance, with high mechanical strength even at elevated temperatures, proven suitable for critical oil, gas, and energy components exposed to hydrogen sulfide.</i>		
Production process	<i>Vacuum Inert Gas Atomization</i>	
Packaging	<i>10 kg plastic sealed bottle or 100 kg steel drum, with silica bags</i>	

CHEMICAL PROPERTIES ^{1,2}											
MIMETE® V 625 NACE	Al	C	Co	Cr	Fe	Mn	Mo	Nb	Ni	Si	Ti
MIN	0	0	0	20,0	0	0	8,0	3,15	bal	0	0
MAX	0,40	0,10	0,099	23,0	5,0	0,50	10,0	4,15		0,50	0,40

¹ Minor element ranges, even if not explicitly listed in the table, comply with both UNS and EN standards.

² MIMETE® powders are supplied to a tighter specification to minimise batch-to-batch variations.

PHYSICAL PROPERTIES ³		Sampling / Analysis Methods
Nominal particle range	<i>15-45 (max 5% over and under size)</i>	<i>ASTM B215 / ASTM B822 / B214</i>

³ Other standard particle ranges (i.e. 0-20, 50-100 and 50-150 µm) available on request.

The production plant has also a testing laboratory accredited by ACCREDIA in compliance with the requirements of the ISO/IEC 17025 international standard.

Unless provided otherwise hereto, terms and conditions ruling the offer of MIMETE® apply.

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