

## AMPERIT<sup>®</sup> 410

<b>Chemical Formula</b>	NiCoCrAlY
<b>Description of Product</b>	Gas Atomized
<b>Particle Sizes Available</b>	<b>Product Designation</b>
	AMPERIT <sup>®</sup> 410.063 75/45 µm
	AMPERIT <sup>®</sup> 410.001 45/22 µm
	AMPERIT <sup>®</sup> 410.072 38/10 µm

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### Chemical Characteristics

(Mass fraction in % [cg/g]; ppm [µg/g])

Co	20	-	26	%
Cr	15	-	19	%
Al	11.5	-	13.5	%
Y	0.2	-	0.7	%
Ni	remainder			

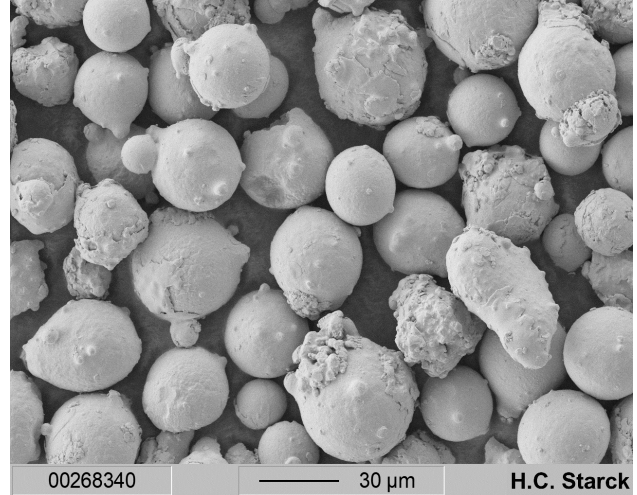
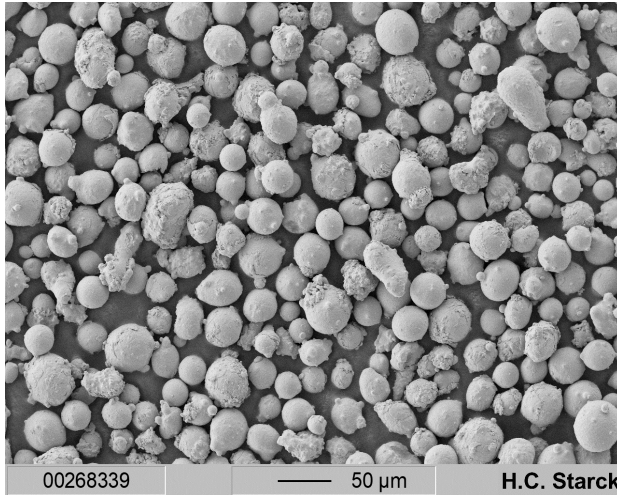
### Physical Characteristics

Particle Size Distribution	410.063	410.001	410.072
+ 75 µm	max. 5 % <sup>2)</sup>		
+ 45 µm		max. 5 % <sup>2)</sup>	
+ 38 µm			max. 5 % <sup>2)</sup>
- 45 µm	max. 10 % <sup>2)</sup>		
- 22 µm		max. 7 % <sup>1)</sup>	
- 10 µm		0 % <sup>1)</sup>	max. 7 % <sup>1)</sup>

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1) MICROTRAC by Laser Light Diffraction per ASTM B 822, 2) ROTAP Screening per ASTM B 214.

SEM pictures<sup>3)</sup>



## Packaging

Standard Packaging:  
5 kg in one 2.5 l PE bottle, 6 bottles (30 kg) in one cardboard box.

## Storage and Handling

Storage and handling are subject to the rules and regulations in the country of use.

## Hazards identification in Advertising (REGULATION (EC) No 1272/2008)

Carcinogenicity Category 1B  
Carcinogenicity Category 2  
Specific target organ toxicity - repeated exposure Category 1  
Respiratory sensitisation Category 1  
Skin sensitization Category 1  
Reproductive toxicity Category 2  
Eye irritation Category 2  
Acute toxicity Category 4  
Long-term (chronic) aquatic hazard Category 3

## Documentation

An inspection document in accordance with EN 10204 is supplied with every shipment.

## Remarks

Always mix well before using.  
Other grain sizes on request.

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3) Secondary Electron Image (SEI).