

## Amperit<sup>®</sup> 704

<b>Chemical Formula</b>	Cr <sub>2</sub> O <sub>3</sub> 99.5 %
<b>Chemical Name</b>	Chromium Oxide 99.5 %
<b>Description of Product</b>	Fused
<b>Particle Sizes Available</b>	<b>Product Designation</b>

Amperit <sup>®</sup> 704.001	45/22 µm	Amperit <sup>®</sup> 704.053	25/10 µm
Amperit <sup>®</sup> 704.054	45/10 µm	Amperit <sup>®</sup> 704.067	15/5 µm
Amperit <sup>®</sup> 704.003	45/5 µm		

### Chemical Characteristics

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

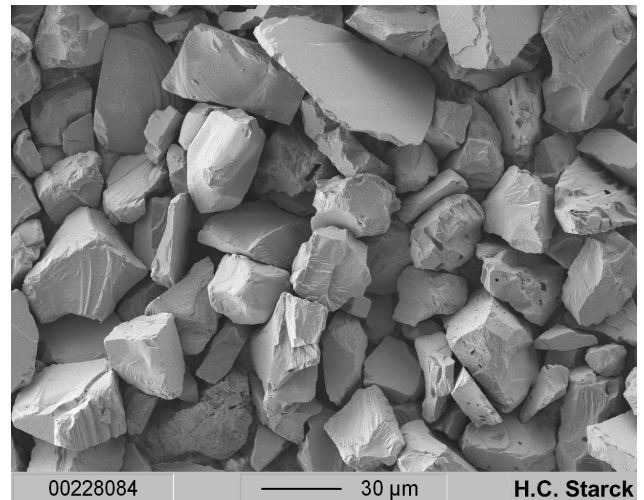
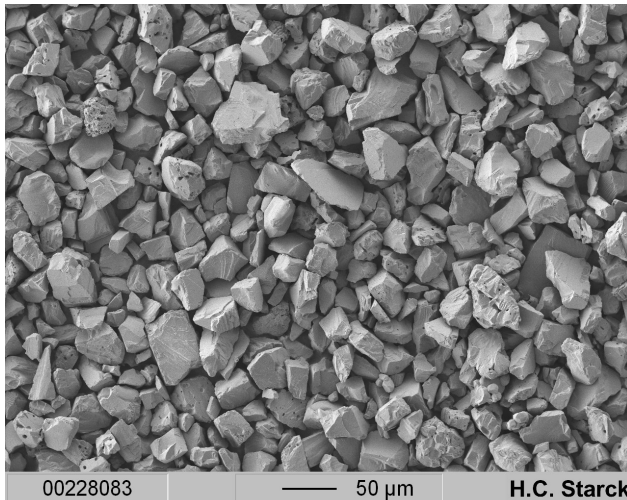
SiO <sub>2</sub>	max.	0.25 %
TiO <sub>2</sub>	max.	0.15 %
Fe <sub>2</sub> O <sub>3</sub>	max.	0.10 %
Acid soluble Chromium	max.	0.15 %
Cr <sub>2</sub> O <sub>3</sub>	balance	

### Physical Characteristics

Particle Size Distribution <sup>1)</sup>	704.001	704.054	704.003
- 125 µm			
- 88 µm	100 %	100 %	100 %
- 62 µm	min. 95 %	min. 95 %	min. 95 %
- 31 µm			
- 22 µm			
- 15 µm	max. 5 %		
- 11 µm		max. 10 %	
- 5.5 µm			max. 10 %
D 10 %	min. 18 µm	min. 12 µm	min. 6 µm
D 50 %	30 - 35 µm	23 - 26 µm	19 - 24 µm
D 90 %	max. 56 µm	max. 48 µm	max. 45 µm
	<b>704.053</b>	<b>704.067</b>	
- 62 µm	100 %		
- 44 µm			
- 31 µm	min. 85 %		
- 22 µm		100 %	
- 15 µm		min. 85 %	
- 11 µm	max. 10 %		
- 5.5 µm		max. 15 %	
D 10 %	min. 11 µm	min. 5 µm	
D 50 %	18 - 21 µm	7 - 10 µm	
D 90 %	max. 34 µm	max. 16 µm	

1) MICROTRAC by Laser Light Diffraction per ASTM C 1070.

## SEM pictures<sup>2)</sup>



## Packaging

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

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

None.

## Documentation

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

## Remarks

Always mix well before using.

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