



## Product Data

# Calcined Aluminas for Polishing

## P 2 MC and P 2 MF

Almatis Products P2 MC and P2 MF are specially designed to achieve high gloss. Both versions can be used on all kinds of metals. The MC is the coarser and the MF the finer version of the product. The special structure of the material with submicron primary crystals and the tight controlled particle size distribution enable our customers to produce polishing compounds leading to gentle and homogenous polishing performance resulting in very smooth surfaces with high shine.

Product / Properties Ground	Unit	P 2 MC typical	P 2 MF typical
<b>Calcination degree</b>		<b>Low</b>	<b>Low</b>
<b>Primary crystal size</b>	<b>µm</b>	<b>0.1</b>	<b>0.1</b>
<b>Al<sub>2</sub>O<sub>3</sub> content</b>	<b>[%]</b>	<b>&gt;99</b>	<b>&gt; 99</b>
<b>Chemical Analysis</b>			
<b>Na<sub>2</sub>O</b>	<b>[%]</b>	<b>0.3</b>	<b>0.3</b>
<b>Fe<sub>2</sub> O<sub>3</sub></b>	<b>[%]</b>	<b>0.02</b>	<b>0.02</b>
<b>Particle Size</b>			
<b>&gt; 90 µm</b>	<b>[%]</b>	<b>0.1</b>	<b>0</b>
<b>&gt; 63 µm</b>	<b>[%]</b>	<b>5</b>	<b>1</b>
<b>Specific surface area/BET</b>	<b>m<sup>2</sup>/g</b>	<b>13</b>	<b>13</b>
<b>Loose bulk density</b>	<b>g/l</b>	<b>750</b>	<b>720</b>
<b>Oil absorption</b>	<b>[%]</b>	<b>45</b>	<b>43</b>

All data are based upon Almatis standard test methods.  
 The typical properties are based upon the actual averages from production data.



# Calcined Aluminas for Polishing

## Standard Packaging

- 25 kg paper bags
- 750 kg big bag, discharge sleeve and shrink wrapped



## Contacts for sales, technical information and application assistance

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