

# MARTOXID<sup>®</sup> DN-410 & DN-420 Polishing Compounds

**Description**

MARTOXID DN-410 and DN-420 polishing compounds are hard-calcined, fast-acting aluminium oxides used for fine polishing and repolishing of all kinds of steel and nonferrous metals, as well as for pre-grinding of lacquers and plastics.

**Typical Analysis**

	<b>DN-410</b>	<b>DN-420</b>
Al <sub>2</sub> O <sub>3</sub> , %, approx. ....	99.3	99.3
Total Na <sub>2</sub> O, % .....	≤ 0.5	≤ 0.5
CaO, % .....	≤ 0.05	≤ 0.05
Fe <sub>2</sub> O <sub>3</sub> , % .....	≤ 0.04	≤ 0.04
SiO <sub>2</sub> , % .....	≤ 0.04	≤ 0.04
α-Al <sub>2</sub> O <sub>3</sub> , % .....	≥ 95	≥ 95
Loss on ignition, % .....	≤ 0.2	≤ 0.2
Specific surface area (BET), m <sup>2</sup> /g .....	0.5 - 0.9	0.3 - 0.7
Bulk density, kg/m <sup>3</sup> , approx. ....	900	900
Primary crystal, μm, approx. ....	6	6
Particle size distribution (screening), %		
> 63 μm .....	0 - 2	5 - 10
63 - 45 μm .....	5 - 25	5 - 25
< 45 μm .....	70 - 95	70 - 95

## Shipping Information

## Container Information

## Shipping Classification

## Safety and Handling Information

For specific safety, toxicity and handling information, please refer to the material safety data sheet on this product.

## Chemical Registration Numbers

CAS: 1344-28-1  
EINECS: 215-691-6  
MITI:  
KECL:

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