

MARTOXID[®] DN-430 & DN-440 Polishing Compounds

Description

MARTOXID DN-430 and DN-440 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

	DN-430	DN-440
Al ₂ O ₃ , %, approx.	99.3	99.3
Total Na ₂ O, %	≤ 0.5	≤ 0.5
CaO, %	≤ 0.05	≤ 0.05
Fe ₂ O ₃ , %	≤ 0.04	≤ 0.04
SiO ₂ , %	≤ 0.04	≤ 0.04
α-Al ₂ O ₃ , %	≥ 95	≥ 95
Loss on ignition, %	≤ 0.2	≤ 0.2
Specific surface area (BET), m ² /g	0.3 - 0.7	0.3 - 0.7
Primary crystal, μm, approx.	6	6
Bulk density, kg/m ³ , approx.	700	700
Particle size distribution (screening), %		
> 63 μm	10 - 20	20 - 30
63 - 45 μm	10 - 25	10 - 25
< 45 μm	55 - 80	50 - 75

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:

The information presented herein is believed to be accurate and reliable, but is presented without guarantee or responsibility on the part of Albemarle Corporation. It is the responsibility of the user to comply with all applicable laws and regulations and to provide for a safe workplace. The user should consider any health or safety hazards or information contained herein only as a guide, and should take those precautions which are necessary or prudent to instruct employees and to develop work practice procedures in order to promote a safe work environment. Further, nothing contained herein shall be taken as an inducement or recommendation to manufacture or use any of the herein materials or processes in violation of existing or future patents.



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