
SPECIFICATION

TC 01.01/D1 - 2006

KAOLIN - grade D1

1. CHEMICAL CONTENTS, %

/XRF, AES – ICP/

Al ₂ O ₃	34.50 ± 1.50
Fe ₂ O ₃	0.60 ± 0.10
TiO ₂	0.30 ± 0.05
SiO ₂	50.00 ± 2.00
CaO	0.15 ± 0.05
MgO	0.25 ± 0.05
K ₂ O	0.90 ± 0.20
Na ₂ O	0.15 ± 0.05
Loss of ignition	12.00 ± 0.60

2. PARTICLE SIZE, %

/SediGraph 5100/

> 56µm	max. 0.1
> 10µm	max. 5.0
< 5µm	86.0 ± 3.0
< 2µm	65.0 ± 3.0

3. MECHANICAL BENDING STRENGTH OF PLASTIC BODY AT 110°C, kg/cm²

/Netzsch 401 - 3/

min. 7.5

4. MOISTURE, %

12.0 ± 2.0