

Technical Data Sheet

DIAMOL® DI 100G E551c



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Product Description

Diatomaceous earth (moler), dried.

Typical chemical analysis (after drying at 110°C)

SiO ₂	68,6 %
Fe ₂ O ₃	7,5 %
Al ₂ O ₃	9,4 %
TiO ₂	1,2 %
CaO	1,4 %
K ₂ O + Na ₂ O	1,8 %
MgO	1,5 %

Loss on ignition (1025°C)	8,6 %
Specific weight	2,3 g/cm ³
Raw ash	92 %
Specific surface	55 m ² /g
pH (10% aqueous suspension)	4,5
Ashes insoluble in hydrochloric acid	83 %

Specification	Min.	Max.	Average
Bulk Density		310 g/l	274 g/l
H ₂ O		6 %	3,4 %
Absorption capacity, water (Modified BASF method)	147 %		164 %
Absorption capacity, Oil (Modified BASF method)	160 %		173 %
Particle size distribution (w/w)	Min.	Max.	Average
> 45 µm		28 %	21 %
> 63 µm		18 %	13 %
> 90 µm		12 %	7 %
>250 µm		4 %	0 %

The indicated values are an average of 12 months of laboratory tests.

Imerys Industrial Minerals Denmark A/S is FAMI-QS certified.

E551c is approved for organic production according to COMMISSION REGULATION (EC) No 889/2008.

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