

Celite® 545

TECHNICAL DATA

PRODUCT

Type	Filter Aid
Description	Flux Calcined Diatomite

TYPICAL PHYSICAL PROPERTIES

Color	White to Off White
Appearance	Fine Powder
Density Wet, lbs/ft ³ (g/cc)	20.0 (0.32)
Permeability (Darcy)	4.00
150 Mesh Screen Analysis, % retain	12.0
Median Particle Size, microns	46.5
pH, 10% in water	10.0
Specific Gravity	2.3
Moisture, as shipped (%)	< 1.0

TYPICAL CHEMICAL ANALYSIS (%)

Loss on Ignition (1000°C)	0.2
SiO ₂	89.6
Al ₂ O ₃	4.0
Fe ₂ O ₃	1.3
P ₂ O ₅	0.2
CaO	0.5
MgO	0.6
Na ₂ O + K ₂ O	3.3

IMERYS

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Production Site

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For important health and safety information, please refer to MSDS.

The physical properties of the products represent typical values obtained in accordance with IMERYS test methods and are subject to manufacturing variations. They are provided here as a general reference only, are subject to change without notice, and should not be relied on for any particular application. No guarantee is given or intended. For important health and safety information, please refer to MSDS.

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