CELITE® 545

IMERYS FILTRATION EMEA
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FLUX CALCINED DIATOMACEOUS EARTH FILTER AID

With medium permeability, this product is especially suited for viscous liquids such as sugar syrups, alginates, glues, gums, oils, waxes.

PRODUCT

Production Site	Murat, France
Product Type	Flux Calcined, Fresh Water Diatomaceous Earth

TYPICAL PHYSICAL PROPERTIES

Colour	White
Loose Weight (g/l)	274
Wet Density (by centrifugation) (g/l)	381
Density EBC (g/l)	411
Permeability EBC (Da)	4.27
pH (10% slurry)	9.5

Typical Particle Size

Retained on 600 micron mesh (% by weight)	Trace
Retained on 106 micron mesh (% by weight)	26
Diameter at which 10% is less (by Microtrac) (µm)	20.65
Diameter at which 50% is less (by Microtrac) (µm)	65.45
Diameter at which 90% is less (by Microtrac) (µm)	172.4

TYPICAL CHEMICAL PROPERTIES (% by weight unless otherwise stated)

Loss on Ignition	0.2
Beer Soluble Iron (ppm)	84
SiO_2	89.2
Al_2O_3	2.90
Fe_2O_3	3.00
TiO_2	0.80
CaO	0.90
MgO	0.20
Na_2O	2.30
K_2O	0.30

Notice: *Although the data listed are typical, they are not production specifications. The supplier provides the data in good faith, however it makes no warranty or representation of any kind, express or implied, regarding the information given or product described including any warranty of suitability for a particular purpose.*

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