

CELITE® 535

FLUX CALCINED DIATOMACEOUS EARTH FILTER AID

With medium permeability, this product is especially suited for viscous liquids such as adhesives, alginates, glues, gums, oils, waxes, esters and synthetic resins.

PRODUCT

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

TYPICAL PHYSICAL PROPERTIES

Colour		White
Loose Weight	(g/l)	265
Wet Density	(g/l)	360
Density EBC	(g/l)	400
Permeability EBC	(Da)	2.8
pH	(10% slurry)	9.0

Typical Particle Size

Retained on 600 micron mesh (% by weight)	Trace
Retained on 105 micron mesh (% by weight)	10
Retained on 45 micron mesh (% by weight)	40
Diameter at which 10% is less (by Microtrac) (µm)	12.3
Diameter at which 50% is less (by Microtrac) (µm)	34.3
Diameter at which 90% is less (by Microtrac) (µm)	85.7

TYPICAL CHEMICAL PROPERTIES (% by weight unless otherwise stated)

Loss on Ignition	0.2
Beer Soluble Iron (ppm)	75
Beer Soluble Calcium (ppm)	100
Acid Solubles	0.4
SiO ₂	91.1
Al ₂ O ₃	3.03
Fe ₂ O ₃	1.59
TiO ₂	0.47
CaO	0.46
MgO	0.32
Na ₂ O	2.30
K ₂ O	0.23

IMERYS FILTRATION & ADDITIVES EUROPE

Sales Office

154 rue de l'Université
75007 Paris - France
Tel: +33 1 49 55 66 37
Fax: +33 1 49 55 66 57

Production Site

7 rue du stade - BP 42
FR - 15300 Murat - France
Tel: +33 4 71 20 00 49
Fax: +33 4 71 20 32 28

Typical values are not to be used as specifications.

The physical or chemical properties of IMERYS products represent typical, average values obtained in accordance with generally accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice.

Technical data shown above are considered accurate and reliable, however, no guarantee is given nor intended. For important Health & Safety information, please refer to MSDS.