

PRIMISIL[®] 802



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	Alicante, Spain
Product Type	Flux Calcined, Fresh Water Diatomaceous Earth

TYPICAL PHYSICAL PROPERTIES

Colour		White
Loose Weight	(g/l)	270
Wet Density	(by centrifugation) (g/l)	355
Density EBC	(g/l)	410
Permeability EBC	(Da)	2.25
Surface Area	(B.E.T.) m ² /g	1.2
pH	(10% slurry)	10.4
Resistivity	(kilohms)	7.0
Blue Light Reflectance		91.5

Typical Particle Size

Retained on 30 Mesh, 600 µm	(% by weight)	1.1
Retained on 150 Mesh, 105 µm	(% by weight)	18.5
Diameter at which 10% is less	(by Microtrac) (µm)	13.1
Diameter at which 50% is less	(by Microtrac) (µm)	30.8
Diameter at which 90% is less	(by Microtrac) (µm)	94.3

TYPICAL CHEMICAL PROPERTIES (% by weight)

Acid Solubles	6.5
Loss on Ignition	0.1
SiO ₂	92.9
Al ₂ O ₃	0.7
Fe ₂ O ₃	0.4
CaO	4.0
MgO	0.4
Na ₂ O	1.4
K ₂ O	0.1

IMERYS PERFORMANCE & FILTRATION MINERALS

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Typical values are not to be used as specifications.

The physical or chemical properties of Celite 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.