

# HYFLO SUPERCEL

## FLUX CALCINED DIATOMACEOUS EARTH FILTER AID

With medium permeability, this product is highly suitable for the filtration of all aqueous and oil-based liquids of low acid content.

### PRODUCT

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

### TYPICAL PHYSICAL PROPERTIES

Colour		White
Loose Weight	(g/l)	222
Wet Density	(by centrifugation) (g/l)	352
Density EBC	(g/l)	400
Permeability EBC	(Da)	1.2
Surface Area	(B.E.T.) m <sup>2</sup> /g	1.6
pH	(10% slurry)	10.6
Resistivity	(kilohms)	5.1
Blue Light Reflectance		93.5
Moisture	(% by weight as shipped)	0.1

### Typical Particle Size

Retained on 30 Mesh, 600 µm	(% by weight)	1.2
Retained on 150 Mesh, 105 µm	(% by weight)	16.0
Diameter at which 10% is less	(by Microtrac) µm	10.5
Diameter at which 50% is less	(by Microtrac) µm	24.2
Diameter at which 90% is less	(by Microtrac) µm	92.3

### TYPICAL CHEMICAL PROPERTIES (% by weight)

Acid Solubles	4.7
Loss on ignition	0.1
SiO <sub>2</sub>	93.2
Al <sub>2</sub> O <sub>3</sub>	0.9
Fe <sub>2</sub> O <sub>3</sub>	0.4
CaO	3.5
MgO	0.4
Na <sub>2</sub> O	1.4
K <sub>2</sub> O	0.1

### IMERYS FILTRATION & ADDITIVES EUROPE

#### Sales Office

154 rue de l'Université  
75007 Paris – France  
Tel: +33 1 49 55 63 00  
Fax: +33 1 49 55 66 56

#### Production Site

Apartado de Correos n° 46  
Carretera de Elche Km 6  
ES - 03080 Alicante - Spain  
Tel: +34 (96) 528 4033  
Fax: +34 (96) 528 4069

#### 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.