

超强分散性能的高岭土

ECKALITE ED

ECKALITE ED 是经过高强度研磨的超细高岭土产品；专为溶剂型涂料设计，也适用于水性涂料中。

ECKALITE ED的主要特点是能够快速分散于溶剂及水性体系中。

产品具有优良的颜料展色性能，可降低钛白粉用量的**8-15%**

或降低其他彩色颜料的实际使用量**2-10%**

改善涂料及油墨的流变和粘度，提高印刷速度

对色彩的明度、彩度和饱和度影响小

产品硬度低，对设备的磨损小

物理参数

分散力 (微米-最大值)	25
白度 (ISO457纳米-最小值)	86.0
粒径大于 53 μm	0.05 maximum
粒径大于 10 μm	1.0 maximum
粒径小于 2 μm	90.0 \pm 3.0
含水量 (%) (在包装时)	1.5 maximum
pH	5.5 \pm 0.5

典型参数

比重	2.6
表面积 (BET; m^2/g)	21
吸油量 (g/100g)	51
水溶盐分含量 (%)	0.1

化学分析

二氧化硅	47
三氧化二铝	38

Eckalite ED

KAOLIN

Super Dispersable Clay for All Solvent-Based and Water-Based Paints

ECKALITE ED is an ultrafine china clay produced by a high intensity pulverisation process. ECKALITE ED is specifically designed for use in solvent-based paints. It is also suitable for use in water-based paints. The major advantage of ECKALITE ED is that it disperses rapidly in these paints to a fine Hegman Gauge value.

PHYSICAL PROPERTIES

ECKALITE ED

Dispersion (microns max)	25
Brightness (ISO457nm)	86.0 minimum
Wt% +53 Micron	0.05 maximum
Wt% +10 Micron	1.0 maximum
Wt% -2 Micron	90.0 ± 3.0
Moisture Content (Wt %) (when packed) - Powder	1.5 maximum
pH	5.5 ± 0.5

TYPICAL PROPERTIES

Specific gravity	2.6
Surface Area (BET;m ² /g)	21
Oil Absorption (g/100g)	51
Water Soluble Salt Content (%)	0.1

CHEMICAL ANALYSIS

(by X-ray Fluorescence) (%)

SiO ₂	47
Al ₂ O ₃	38

The data quoted are determined by use of Imerys Standard Test Methods, copies of which will be supplied upon request.

Where maximum/minimum limits are indicated, this constitutes a specification. Where no maximum/minimum limits are given the data quoted are typical only. Every precaution is taken in production to ensure the clays conform to our published data, however, as the products are based on naturally occurring raw materials, Imerys Minerals Australia reserves the right to change these data should it become necessary.

Unless stamped 'Controlled' in red ink, the reader should check that the data contained herein is current.



Manufactured under a quality system certified as complying with ISO9001 by an accredited certification body.

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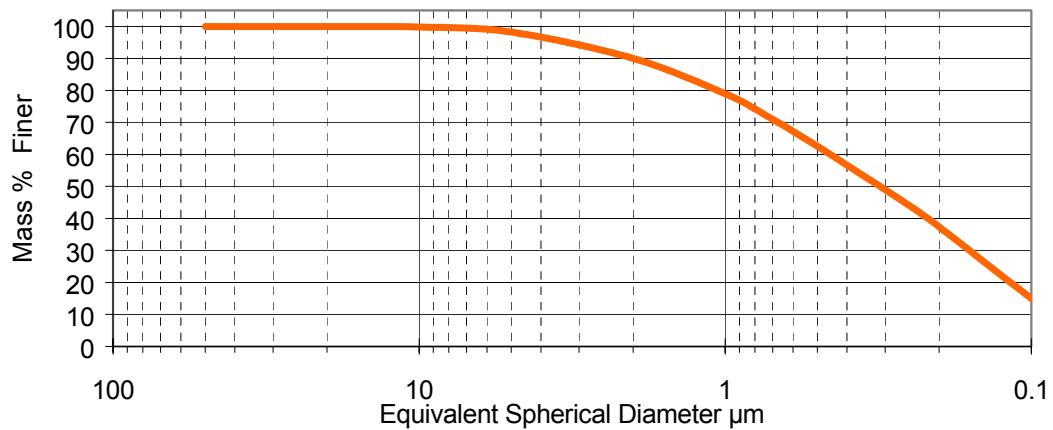
Eckalite ED

KAOLIN

IMERY'S MINERALS AUSTRALIA PTY LTD

Particle Size Distribution

Typical Particle Size Distribution



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