

# EH457T

<b>FIRING TEMPERATURE</b>	1220 - 1260 °C oxidizing
<b>FIRING COLOUR</b>	transparent
<b>FORM OF DELIVERY</b>	Spray dried powder

## TYPICAL PROPERTIES

### CHEMICAL ANALYSIS - Fired basis (mass %)

SiO <sub>2</sub>	66,7
Al <sub>2</sub> O <sub>3</sub>	12,5
TiO <sub>2</sub>	0,09
Fe <sub>2</sub> O <sub>3</sub>	0,15
MgO	1,50
CaO	15,0
Na <sub>2</sub> O	0,55
K <sub>2</sub> O	2,60
L.O.I. 1000°C	12,2

### PHYSICAL PROPERTIES

Density (g/l)	
Solids content ( % )	
Thermal Expansion ( $\times 10^{-7} K^{-1}$ ): 30 – 600°C	59

### PARTICLE SIZE DISTRIBUTION - Sedigraph 5100 (mass %)

< 20 µm	99
< 10 µm	88
< 6 µm	66
< 2 µm	26
< 1 µm	15

### PARTICLE SIZE DISTRIBUTION - Wet screening (mass %)

> 20 µm	< 0,9
---------	-------

### STANDARD PACKAGING

Big bags on pallets or 25kg bag

These values do not represent a specification. The data quoted are determined by the use of Imerys Standard Test Methods, copies of which will be supplied on request. Every precaution is taken in production to ensure the products conform to our published data. Since the products are based on naturally occurring materials, we reserve the right to change these data should it become necessary. Sales are in accordance with our "Conditions of Sale", copies of which will be supplied on request.

March 2017

© Imerys Ceramics 2017

### Third Edition

This version supersedes the version dated January 2003



### Production Site

Imerys Tableware  
Deutschland GmbH  
Ebersdorferstr. 101  
96465 Neustadt  
Germany

### Commercial Office

Imerys Tableware  
Deutschland GmbH  
Ludwigsmühle 13  
95100 Selb  
Germany

Tel. +49 (0)9287 95604-0  
Fax: +49 (0)9287 95604-13

### Email

info@imerys-ceramics.com

### Website

[www.imerys-ceramics.com](http://www.imerys-ceramics.com)

QUALITÄTSMANAGEMENTSYSTEM  
Zertifiziert nach DIN EN  
ISO 9 0 0 1



Reg.-Nr.90011