

EK457T

FIRING TEMPERATURE	1260 - 1280 °C oxidizing
FIRING COLOUR	transparent
FORM OF DELIVERY	spray dried powder

TYPICAL PROPERTIES

CHEMICAL ANALYSIS - Fired basis (mass %)

SiO ₂	68,1
Al ₂ O ₃	12,5
TiO ₂	0,08
Fe ₂ O ₃	0,14
MgO	1,26
CaO	13,1
Na ₂ O	0,19
K ₂ O	3,45
L.O.I. 1000°C	10,8

PHYSICAL PROPERTIES

Density (g/l)	
Solids content (%)	
Thermal Expansion ($\times 10^{-7} K^{-1}$): 30 – 600°C	58

PARTICLE SIZE DISTRIBUTION - Sedigraph 5120 (mass %)

< 20 µm	99
< 10 µm	89
< 6 µm	66
< 2 µm	23
< 1 µm	10

PARTICLE SIZE DISTRIBUTION - Wet screening (mass %)

> 20 µm	< 0,9
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STANDARD PACKAGING

big bag or 25 kg 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.

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First Edition



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QUALITÄTSMANAGEMENTSYSTEM
Zertifiziert nach DIN EN
ISO 9 0 01



Reg.-Nr.90011