

Hyplas 71

December 2014
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Seventh Edition

This version supersedes the
version dated November 2008

APPLICATION

Tableware

PRODUCT SPECIFICATION

CHEMICAL ANALYSIS (%)	Min.	Value	Max.
SiO ₂	68	71	73
	16.5	18.5	21
	0.6	0.8	1.0
TiO ₂	1.4	1.6	1.8
	1.4	1.9	2.2
L.O.I.	4.7	5.3	5.8
PHYSICAL PROPERTIES (m².g⁻¹)			
Specific surface area	14	19	24

TYPICAL PROPERTIES

CHEMICAL ANALYSIS (%)	Value
	0.3
CaO	0.1
M O	0.3
Carbon	0.2

PARTICLE SIZE ANALYSIS (%)

> 125 µm	0.7
< 5 µm	72
< 2 µm	58
< 1 µm	48
< 0.5 µm	39

MODULUS OF RUPTURE (MN.m⁻²)

Dried at 110 °C	7.0
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FIRED PROPERTIES (%)

1170°C	
Brightness	48.0
Water absorption	5.0
Linear contraction	4.8

PRODUCT FORM & STANDARD PACKAGING

Powder, shredded

Big bag, 25-50 kg bags, bulk

Supplier Site
Keramikos

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FM 14752

Typical data 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.

