TECHNICAL DATA SHEET

1. PRODUCT NAME	REFERENCE
Pumice	1.0

2. MAIN INTENDED USE

Recommended as a mild abrasive in glass treatments, electronic circuit board scrubbing, dental pastes & cosmetic exfoliants. Texturingadditive in coatings and inks, lightweight filler in plasters and paints.

3. CHEMICAL DESCRIPTION

This media contains no free silica

Compound/Element	**Chemical Formula**	**Typical Content**
Silicon Dioxide	SiO_2	74.55%
Aluminium Oxide	Al_2O_3	12.45%
Potassium Oxide	K_2O	4.50%
Sodium Oxide	Na_2O	4.00%
Ferric Oxide	Fe_2O	<2.00%
Calcium Oxide	CaO	<2.00%
Magnesium Oxide	MgO	<2.00%
Titanium Dioxide	TiO_2	<2.00%
Sulphur Trioxide	SO_3	0.20%
Manganese Oxide	MnO	0.10%
Carbon Dioxide	CO_2	0.10%
Ferrous Oxide	FeO	0.06%
Phosphorous Pentoxide	P_2O_5	0.005%
Combined Water	H_2O_+	4.35%

Determined by FAAS

4. PHYSICAL PROPERTIES

a. Bulk Density	0.67 g/cm$_3$
b. Melting Point	1200 °C
c. pH Value	7.0 – 8.0
d. Specific Gravity	2.40 g/cm$_3$
e. Hardness	5.5 Mohs

5. PARTICLE SIZE DISTRIBUTION

Microns	**% Retained**
297	T - 5
250	1 - 5
177	5 – 15
125	10 - 20
88	10 - 20
44	25 - 40
PAN	20 - 30

6. PACKAGING

Packed in 50lb (22.68kg) paper bags or 500kg IBC big bags.

These results are based on analysis carried out on a representative sample of the relevant batch and do not release you from the obligation to test the product as to the suitability for its intended use.

Industrial Plasters Ltd
A: 63 Netherstreet, Bromham, Chippenham, SN15 2DP.
T: +44(0) 1380850616 | E: info@industrialplasters.com
www.industrialplasters.com