

TECHNICAL DATA SHEET		
1. PRODUCT NAME		REFERENCE
<i>Pumice Powder</i>		<i>FF</i>
2. MAIN INTENDED USE		
Recommended as a mild abrasive in glass treatments, electronic circuit board scrubbing, dental pastes & cosmetic exfoliants. Texturing additive 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
Silica	SiO ₂	74.55%
Aluminium Oxide	Al ₂ O ₃	12.45%
Potassium Oxide	K ₂ O	4.50%
Sodium Oxide	Na ₂ O	4.00%
Ferric Oxide	Fe ₂ O	<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 ₂ O ₅	0.005%
Combined Water	H ₂ O ₊	4.35%
Determined by FAAS		
4. PHYSICAL PROPERTIES		
	a. Apparent Density	0.54-0.70 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	% Passing
	273	100.0
	219	99.8
	164	98.8
	132	97.1
	114	95.2
	91.7	91.2
	73.8	85.9
	59.3	79.6
	44.4	71.1
	30.8	60.9
	21.4	48.5
	14.9	37.4
	8.97	24.5
	5.80	11.5
6. PACKAGING		
Packed in 50lb (22.68kg) paper bags or 500kg IBC big bags.		