

Potterycrafts Ltd.

Campbell Road Stoke on Trent ST4 4ET
 United Kingdom
 Tel 01782 745000
 Fax 01782 746000
<http://www.potterycrafts.co.uk>
sales@potterycrafts.co.uk

Product Reference P3302

Product Name Blue Ball Clay (Puraflo AK)

<p>CHEMICAL ANALYSIS :</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%;"></th> <th style="text-align: right;">Ultimate Analysis (per cent)</th> </tr> </thead> <tbody> <tr><td>SiO₂</td><td style="text-align: right;">50.0</td></tr> <tr><td>TiO₂</td><td style="text-align: right;">1.0</td></tr> <tr><td>Al₂O₃</td><td style="text-align: right;">32.5</td></tr> <tr><td>Fe₂O₃</td><td style="text-align: right;">1.1</td></tr> <tr><td>CaO</td><td style="text-align: right;">0.2</td></tr> <tr><td>MgO</td><td style="text-align: right;">0.3</td></tr> <tr><td>K₂O</td><td style="text-align: right;">1.8</td></tr> <tr><td>Na₂O</td><td style="text-align: right;">0.2</td></tr> <tr><td>Loss on Ignition at 950°C .</td><td style="text-align: right;">12.6</td></tr> </tbody> </table>		Ultimate Analysis (per cent)	SiO ₂	50.0	TiO ₂	1.0	Al ₂ O ₃	32.5	Fe ₂ O ₃	1.1	CaO	0.2	MgO	0.3	K ₂ O	1.8	Na ₂ O	0.2	Loss on Ignition at 950°C .	12.6	<p>CALCULATED MINERALOGICAL COMPOSITION :</p> <p style="text-align: center;">(Rational Analysis)</p> <table style="width: 100%; border-collapse: collapse;"> <tbody> <tr><td style="width: 80%;">Kaolinite</td><td style="text-align: right;">67</td></tr> <tr><td>Potash Mica</td><td style="text-align: right;">14</td></tr> <tr><td>Soda Mica</td><td style="text-align: right;">2</td></tr> <tr><td>Quartz</td><td style="text-align: right;">11</td></tr> </tbody> </table> <p>The quoted mineralogical composition has been derived from X-ray diffraction measurements and calculations based upon chemical analysis.</p>	Kaolinite	67	Potash Mica	14	Soda Mica	2	Quartz	11
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<p>PARTICLE SIZE DISTRIBUTION : Equivalent Spherical Diameter</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Microns:</th> <th style="width: 10%;">0.5</th> <th style="width: 10%;">1</th> <th style="width: 10%;">2</th> <th style="width: 10%;">5</th> <th style="width: 10%;">10</th> <th style="width: 10%;">20</th> </tr> </thead> <tbody> <tr> <td>% Undersize</td> <td style="text-align: center;">60</td> <td style="text-align: center;">74</td> <td style="text-align: center;">86</td> <td style="text-align: center;">95</td> <td style="text-align: center;">98</td> <td style="text-align: center;">99</td> </tr> </tbody> </table>	Microns:	0.5	1	2	5	10	20	% Undersize	60	74	86	95	98	99	<p>RESIDUE :</p> <p style="text-align: right;">> 76 microns : average < 0.2 > 53 microns : average < 0.3</p>														
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<p>GENERAL COMMENTS : PLASTIC WHITE FIRING CLAY SUITABLE FOR TABLEWARE</p>																													

This technical information is indicative only. Any sale is by sample and is governed by our General Conditions of Sale. June 1996.