AFRICAN PEGMATITE

MILLERS AND PROCESSORS OF BASE MINERALS

info@pegmatite.co.za
www.mineralmilling.com
Tel: +27 (0)16 362 0600

Date:	16 May 2019	**Pages:**	1 of 1
Approved by:	E. Wenger	**Doc No:**	DS040
Compiled by:	D. Prevoo	**Rev No:**	03

DATA SHEET

K37 Black Stain
Grade: Ferric Manganese Umber
Use: Ceramic black pigment.

Chemical Analysis (%):		
Typical:	Fe/Mn ratio:	2.9:1
	Fe_2O_3	63% - 65%
	Mn	13.95% - 14.7%
	Fe	2.7% - 3.3%
	SiO^2	2.04% - 3.0%
	Al_2O_3	0.48% - 1.5%
	P	0.03%-0.04%
	S	0.1% - 0.16%
	CaO	1.5% - 2.1%
	MgO	0.15% - 0.3%
	K^2O	0.003% - 0.015%
	BaO	0.09% - 0.15%
	NA^2O	0.015% - 0.027%

Physical Properties:	
Particle Size:	+45 micron 3-4%l
Moisture:	+ 2.5% Max
Bulk Density:	.83grams/cm^3 Tapped
pH:	8.8

Application:

Ceramic black pigment.
For ceramic terracotta red firing bricks, roof & quarry floor tiles.
Firing at 1080ºC – 1230ºC Recommended Dosage 9 – 12%

Packaging:

40kg, 3-ply paper bags. 1 ton per pallet.
Or
1000/1500 kg polypropylene bulk bags

*The information and recommendations in this product data sheet are based on data we believe to be reliable. They are offered in good faith, but do not imply any warranty or performance guarantee, as conditions and methods of use of our products are beyond our control. As such, African Pegmatite Company South Africa makes no express or implied warranties of any kind with respect to this product, including but not limited to any implied warranty of merchantability or fitness for a particular purpose. We recommend that the user determine whether the products and the information given are appropriate, and that the suitability and performance of our products are appropriate by testing with its own equipment. Specifications are subject to change without notice. The information and recommendations given in this product data sheet should not be understood as a recommendation for the use of our products in violation of any patent or as a license to use any patents of the African Pegmatite Company South Africa.