CENTURION REFRACTORIES (PTY) LTD

PRODUCT DATA

CHEMICAL ANALYSIS SiO2	% % % % % % % % % % % % SERTIES 10 °C g/cm3 Dried @ 110 °C Mpa Fired to 1000 °C Mpa mm perature °C	12.9 80.1 0.5 1.4 1.46 0.45 - - 2.95 70 95 6 1800
Al ₂ O ₃ % Fe ₂ O ₃ % FiO ₂ % FaO + MgO % Fe ₂ O + Na ₂ O % Fr ₂ O ₃ % Fr	% % % % % % % % % % % ERTIES 10 °C g/cm3 Dried @ 110 °C Mpa Fired to 1000 °C Mpa mm perature °C	80.1 0.5 1.4 1.46 0.45 - - 2.95 70 95 6
Fe ₂ O ₃ % FiO ₂ O + Na ₂ O % Fi ₂ O + Na ₂ O % Fio ₃ % Fio ₄ % Fio ₅ O + Na ₂ O % Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O + Na ₂ O & Mpa Fio ₆ O	% % % % % % % % % % % The state of the stat	0.5 1.4 1.46 0.45 - - - 2.95 70 95 6
CaO + MgO CaO + Na2O Mayor Service S	% % % % % % % % % % ** ** ** ** **	1.4 1.46 0.45 - - 2.95 70 95 6
CaO + MgO % C2O + Na2O % Cr2O3 % CHYSICAL PROPERTIES Sulk Density Dried @ 110 °C g/cm3 Cold Crushing Strength Dried @ 110 °C Mpa Cold Crushing Strength Fired to 1000 °C Mpa Maximum Particle Size mm Maximum Service Temperature °C Cermanent Linear change fired to 1000 °C % Chermal Expansion @ 1000 °C % Chermal Conductivity @ 1000 °C W/mK ADDITIONAL INFORMATION	% % % % % % **C **TIES **In or C	1.46 0.45 - - 2.95 70 95 6
PHYSICAL PROPERTIES Sulk Density Dried @ 110 °C g/cm3 Cold Crushing Strength Dried @ 110 °C Mpa Cold Crushing Strength Fired to 1000 °C Mpa Maximum Particle Size mm Maximum Service Temperature °C Permanent Linear change fired to 1000 °C % Thermal Expansion @ 1000 °C % Thermal Conductivity @ 1000 °C W/mK	% % % % % **C **Dried @ 110 °C **Dried @ 110 °C **Mpa **Dried to 1000 °C **Mpa **mm **perature **C	0.45 - - 2.95 70 95 6
PHYSICAL PROPERTIES Sulk Density Dried @ 110 °C g/cm3 Cold Crushing Strength Dried @ 110 °C Mpa Cold Crushing Strength Fired to 1000 °C Mpa Maximum Particle Size mm Maximum Service Temperature °C Permanent Linear change fired to 1000 °C % Thermal Expansion @ 1000 °C % Thermal Conductivity @ 1000 °C W/mK	% % % **C **IPS* **I	2.95 70 95 6
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Cold Crushing Strength Dried @ 110 °C Mpa Cold Crushing Strength Fired to 1000 °C Mpa Maximum Particle Size mm Maximum Service Temperature °C Permanent Linear change fired to 1000 °C % Thermal Expansion @ 1000 °C % Thermal Conductivity @ 1000 °C W/mK ADDITIONAL INFORMATION	Dried @ 110 °C Mpa Fired to 1000 °C Mpa mm perature °C	70 95 6
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Maximum Particle Size mm Maximum Service Temperature °C Permanent Linear change fired to 1000 °C % Thermal Expansion @ 1000 °C % Thermal Conductivity @ 1000 °C W/mK ADDITIONAL INFORMATION	mm perature °C	6
Maximum Service Temperature Permanent Linear change fired to 1000 °C % Thermal Expansion @ 1000 °C % Thermal Conductivity @ 1000 °C W/mK ADDITIONAL INFORMATION	perature °C	
Permanent Linear change fired to 1000 °C % Thermal Expansion @ 1000 °C % Thermal Conductivity @ 1000 °C W/mK ADDITIONAL INFORMATION	P 0 1 0 1 0 1 0 1	1800
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hermal Conductivity @ 1000 °C W/mK ADDITIONAL INFORMATION	go mod to 1000 O 70	0
ADDITIONAL INFORMATION	1000 °C %	0.87
	2 1000 °C W/mK	2.40
	%	4. – 5
Shelf Life months		6
Packaging Size kg	kg	25
lo. bags per pallet		40
DESCRIPTION ligh Alumina castable.		

THIS DATA IS BASED ON AVERAGE VALUES AND SHOULD NOT BE TAKEN AS A GUARANTEED SPECIFICATION. IT IS SUBJECT TO REASONABLE VARIATION.

WHERE A PROPERTY IS CRITICAL, CONFIRMATION SHOULD BE OBTAINED FROM CENTURION REFRACTORIES.