



# ALMA TEJARAT

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# TECHNICAL DATA



DATE		12/25/2023
SAMPLE NAME - INFORMATION	UNIT	PRS-FLDS
STPP	%	0.50
Residue on Sieve (+ 63 $\mu$ )	%	2.15
Density	Kg/Cm <sup>3</sup>	1.6
Flowing time (Viscosity)	S	11
Grinding time	min	15
Humidity	%	8.0
Pressure	bar	100

# PORCELAIN FLOOR FIRING RESULT



<b>MAX. firing temperature</b>	°C	1175
<b>Soaking time</b>	min	35
<b>Firing Shrinkage</b>	%	13
<b>Water absorption</b>	%	0
<b>MOR after firing</b>	Kg/Cm <sup>2</sup>	520
<b>L.O.I</b>	%	0.8

# CHEMICAL ANALYSIS RESULT



<b>L.O.I</b>	<b>%</b>	<b>0.5</b>
<b>S</b>	<b>%</b>	<b>&lt;0.02</b>
<b>MnO</b>	<b>%</b>	<b>&lt;0.01</b>
<b>P2O5</b>	<b>%</b>	<b>&lt;0.01</b>
<b>K2O</b>	<b>%</b>	<b>8.5-9.5</b>
<b>Na2O</b>	<b>%</b>	<b>3.5-4.5</b>
<b>MgO</b>	<b>%</b>	<b>0.04</b>
<b>TiO2</b>	<b>%</b>	<b>0.28</b>
<b>Fe2O3</b>	<b>%</b>	<b>0.25-0.6</b>
<b>Al2O3</b>	<b>%</b>	<b>18.5-19.5</b>
<b>SiO2</b>	<b>%</b>	<b>65-67</b>

# COLOR AFTER FIRING

**Porcelain FLOOR FIRING**



**BISCUIT PHOTO**

**Color after firing in the 1230 kiln  
of glaze table ware**



# AVAILABLE SIZE RANGE



# ABOUT US

**This company, consists a group of experts and specialists in different fields of ceramic industries and relying on technical and experimental knowledge, is able to provide differrent services in the field of all kinds of Tile production , Glazes , types of Tableware ( soft porcelain , hard porcelain & bone china ) and Sanitaryware.**

We are able in providing the necessary services for supplying and supporting in the following fields :

**A ) Row materials :**

- 1- Potash feldspar as crashed & micronized
- 2- Sedic feldspar as crashed & micronized
- 3- Silica whit different purity ( 92 96 , 97.5 , 98.6 ) as crashed & micronized

**b ) Types of frits & Glazes**

**c ) Thecnical supporting for body , engobe, glazes formulation and improving Processes in all fileds.**