



**CONTROL LABORATORY**

**Date**

**TECHNICAL CHARACTERISTICS**

27-June-2.018

<b>MODEL:</b> <b>GIRONA BLUE</b>	<b>FORMAT :</b> 45 x 45
	<b>CLAY TYPE:</b> Red

<b>WATER ABSORPTION</b> (UNE-EN ISO 10545-3) Middle Value: 3,7                      Maximum Value: 3,9	
<b>PRESENTING POROSITY GRAZE</b> (Visual examination and/or under the microscope) <input type="checkbox"/> High Porosity <input type="checkbox"/> Low Porosity <input checked="" type="checkbox"/> No Porosity	
<b>ENAMEL ADHESION TO THE SUBSTRATE</b> <input checked="" type="checkbox"/> High Adhesion <input type="checkbox"/> Low Adhesion	
<b>BEHAVIOR OF THE PART TO CUT</b> <input checked="" type="checkbox"/> Ok <input type="checkbox"/> Bad	
<b>PLANARITY</b> <input checked="" type="checkbox"/> Normal <input type="checkbox"/> Concave <input type="checkbox"/> Convex	
<b>SCRATCH HARDNESS ACCORDING TO MOHS</b> (EN-101)	<b>8</b>
<b>ABRASION RESISTANCE</b> (Method PEI) (UNE-EN ISO 10545-7) Group <input type="checkbox"/> <b>IV</b>	

<b>CHEMICAL RESISTANCE</b> (Ácidos, Bases y Productos domésticos de limpieza)			
Ammonium chloride solution (UNE-EN ISO 10545-13)	Class <b>GA</b>	Sodium hypochlorite solution (UNE-EN ISO 10545-13)	Class <b>GA</b>
3% Solution of hydrochloric acid (UNE-EN ISO 10545-13)	Class <b>GLA</b>	18% Solution of hydrochloric acid (UNE-EN ISO 10545-13)	Class <b>Test method available</b>
Weak solution of potassium hydroxide (UNE-EN ISO 10545-13)	Class <b>GLA</b>	Concentrated potassium hydroxide solution (UNE-EN ISO 10545-13)	Class <b>Test method available</b>
Citric acid solution (UNE-EN ISO 10545-13)	Class <b>GLA</b>	Lactic acid solution (UNE-EN ISO 10545-13)	Class <b>Test method available</b>

<b>RESISTENCE TO STAINS</b>		
Agent green-red spots on light oil (UNE-EN ISO 10545-14)	Class	<b>4</b>
Iodine solution (UNE-EN ISO 10545-14)	Class	<b>4</b>
Olive oil (UNE-EN ISO 10545-14)	Class	<b>4</b>

V.º B.º: Quality Department