

Specification n° FOA2140 - 1
Revision n° 1 on 20/02/2009

TECHNICAL DATA SHEET

Product code:
FOA 2140

Product: CERAMIC FRIT	
Type: Unlead Opacified Frit	
Significative components: SiO ₂ , Al ₂ O ₃ , B ₂ O ₃ , CaO, ZnO, ZrO ₂ , K ₂ O, MgO	
RECOMMENDED USE	
MONOPOROSA	<input checked="" type="checkbox"/>
FRIT FOR GLAZE FORMULATION	<input checked="" type="checkbox"/>

In any case, the result depends on the base employed, temperatures and firing cycle.
Additional information is available in the commercial catalogue and at Colorobbia Italia S.p.A. Customer Assistance Laboratory.
All raw materials have been verified and used only if they comply with control.

PHYSICAL - CHEMICAL CHARACTERIZATION		
	METHOD*	
CERAMIC TEST	PAQ 18-04f	CONFORM TO THE VISUAL INSPECTION
DILATOMETER**	PAQ 18-21f (50-400 °C)	$\alpha = 60 \pm 2 \times 10^{-7} \text{ } ^\circ\text{C}^{-1}$ Trasformation T. N/D °C Dilatom. Softening T. N/D °C
HEATING MICROSCOPY**	PAQ 18-22f	Starting Shrinkage T. 830 ± 20 °C Shrinkage T. 1030 ± 20 °C Ball T. 1120 ± 20 °C Half Ball T. 1160 ± 20 °C
*PAQ = Colorobbia Italia control procedure code ** Indicative Physical Chemical Characteristic obtained grinding to a 45 micron residue < 1,5 % and firing at ball temperature.		

R&D and Quality Control Manager
Dott.ssa Silvia Masini

