

LEAD FREE FRIT COMPOSITION GUIDE

	K ₂ O	Na ₂ O	CaO	ZnO	BaO	Al ₂ O ₃	B ₂ O ₃	SiO ₂	F	ZrO ₂	Melting range
FRIT 3110	2.3	15.3	6.3			3.7	2.6	69.8			1600 °F
FRIT 3124	.7	6.3	14.1			9.9	13.7	55.3			1600 °F
FRIT 3134		10.3	20.1				23.1	46.5			1450 °F
FRIT 3195		6.0	11.2			12.4	23.0	47.4			1500 °F
FRIT 3240	0.6	4.5	8.8	15.8	7.9	0.9	10.0	39.5		10.2	1500 °F
FRIT 3269	10.0	11.2				12.8	17.1	48.9			1400 °F
FRIT 5301	5.1	19.2	2.3			11.3	11.7	41.8	8.6		1500 °F

The percentages given are close estimations and should be considered only as an average.

K₂O – Potassium Na₂O – Soda CaO – Calcium ZnO – Zinc BaO – Barium
 Al₂O₃ – Alumina B₂O₃ – Borax SiO₂ – Silica F – Fluorine ZrO₂ - Zirconium