

Glass frits containing zinc, free from lead and cadmium, process for their manufacture and their use.

Abstract

The invention relates to glass frits containing zinc, free from lead and cadmium, with a softening point of less than 510°C. Obligatory constituents of the glass frit composition are 31-50 mol% of ZnO, 10-44 mol% of SiO₂, 11-35 mol% of B₂O₃ and 11-25 mol% of Na₂O. The glass frits can be used as base frit for the manufacture of decorative coatings which can be fired at less than 630°C, preferably ones for glass decoration.

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