

CURING OF MAGNESIUM COMPOSITIONS

MIRYUK OLGA

Professor, Doctor of Technical Sciences, Rudny Industrial Institute, Republic of Kazakhstan

ABSTRACT

The results of investigations of magnesia compositions containing various additives. Factors which impact activity of magnesium oxide in compositions of different structure are investigated. The effect of semi-aquatic calcium sulfate on a hardening of the mixed magnesia binder. Defined effect of concentration calcium sulfate hemihydrate to the hardening of caustic magnesite. Here are proposed structures of sulphomagnesium compositions containing techno genetic components. It revealed a beneficial effect on the hardening of ferrous component of the mixed magnesia binder. Influence of the method of preparation on properties of magnesium compositions of iron ore wastes is investigated during study.

KEYWORDS: Caustic Magnesite, Magnesium Compositions, Hydration, Hardening