











Fig. 2. Separability curves for MgO  
Rys. 2. Krzywa wzbogacalności MgO

yield and Mg-recovery, (ii) a limitation of Mg loses in non-magnetic product is possible only on the expense of Mg content reduction (gradually to 79.98%) in magnetic product at higher values of induction during separation, where the magnetic product is gradually impure by gangue minerals at growing mass yield, (iii) significant reduction of gangue components such as  $\text{CaO}$ ,  $\text{SiO}_2$  and  $\text{Al}_2\text{O}_3$  in magnetic product is attainable.

Chemical analyses and recoveries similar trends of magnesium, iron and manganese point to mutual bond or better said all these elements occur in

the lattice of magnesite. For this reason iron and manganese removal is not possible to achieve using physical technique of upgrading.

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