



PE4 BOREALIS SCHWECHAT AUSTRIA

Borealis is erecting a polyethylen-plant at Schwechat that is working with the companyowned Borstar-technology. The plant with an invest volume of € 200 Mill. will produce 350.000 tonnes polyethlyen per year. By building this plant, Borealis is following the increasing demand of linear low-density-polyethlyen, that is used for divers foils, flexible packaging and industrial purpose.

The structural analysis of the cooling towers, the silo foundations and the machinery foundations was carried out on behalf of Pörner+Partner ZT GmbH (www.poerner.at/poepa). The dynamic behaviour of the extruder and compressor foundations was judged by detailed dynamic analysis.







client: Borealis GmbH, Austria civil contractor: Habau, Austria concrete: 26.000 m³ reinforcement: 2.800 to structural steelwork: 2.600 to completion: December 2005

photos: T. Uzunoglu



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