

Abstract Proposal

"High Efficiency Fibres for Cleanable Dust Filters"

Herbert Griesser, Evonik Fibres

The presentation describes available options of modifications of filtration materials when conventional needle felts provide inadequate filtration behaviour. The advantages of multilobal cross section fibres in the separation of fine dust regarding the filtration efficiency and the residual pressure loss are highlighted. Test results with a new in situ filter bag testing equipment are shown

Dr. Herbert Griesser

Born 1952 in Afritz/Austria

- Study of technical chemistry at the Technical University in Graz/Austria
- 1978 -1982: PhD thesis focusing on degradation of crosslinked and modified 1,4 polybutadien by olefin metathesis reactions
- 6/1982: Start of the professional career as a R & D chemist at Lenzing AG
- 2/1991: Head of business unit HPP (polyimide fibre project)
- since 4/1996: General manager of the spin off company Inspec Fibres – now Evonik Fibres - being part of the Evonik Industries group / business unit PP (Performance Polymers).