

G01.23

## **Large Geometrical Dimensions with New Polyamide 12 Grades**

\*George Oenbrink (a), Hajime Komada (b)

(a) *Degussa AG, Marl, Germany*

(b) *Daicel-Degussa Co., Himeji, Japan*

PA 12 is a high performance polymer with outstanding mechanical properties and excellent chemical stability. It is the preferred material in many demanding applications, e. g. in the automotive industry for fuel lines of passenger cars or for air brake tubings in trucks. In recent years PA 12 pipes undergo approval processes for use in high pressure gas distribution and offshore oil explorations. The authors will give an introduction to the excellent technical performance of PA 12 and the new application possibilities using the very high melt viscosity and stiffness of the new developed VESTAMID grades. Aural presentation at G01 symposium with PC-Projector