

# Film manufacturing processes - Influence on film properties

## Information

**Description:** This part is about flexible film production which has a significant influence on film properties. The three processes calendering (main converting type used for PVC) as well as blown- and cast film production are presented in detail. In particular, the influence of the processes on mechanical and optical properties as well as costs are discussed. Subsequently, stretching/orientation processes are presented, which bring further improvements of different properties. Typical examples are PP-BO or PET-BO films, which are often used in laminates. In a final step technologies are discussed to enhance the barrier of polymer based films.

**Target group:** Employees from production, development, packaging technology, QA, purchase and sales as well as marketing

**Level:** **Level 1** - no previous knowledge required

**Further information:** duration: 2:00h  
One video  
One download

**Event code:** **GFbE-04-23**