

# **THERMOBREAK®**

- Description** **THERMOBREAK** is a specialty polymer designed as extruder protection during the production breaks.
- Function** The presence of **THERMOBREAK** in an extruder during the production break (prolonged heat exposure at processing temperature) prevents the formation of burn-ins inside a cylinder and considerably reduces the time-period necessary for its cleaning.
- Composition** Active components of **THERMOBREAK** polymer consist of additives and stabilizer systems providing high resistance towards long-term heat exposure and ability to prevent the formation of burnt-in deposits in the 'dead' spaces of an extruder. The carrier matrix is polypropylene or low-density polyethylene.
- Advantages**
- Reduces formation of burn-ins in an extruder during breaks
  - Reduces extruder purging time down by 50-70%
  - Enhances economy of production
- Properties** All components of **THERMOBREAK** protective polymer are non-toxic.
- Application** Empty extruder is fed up with **THERMOBREAK** and left to cool down or left heated up for few hours during a technical break, e.g. instrument maintenance. At the end of the break, extruder is emptied and purged in a standard way.
- THERMOBREAK** is not intended to be blended, it is used as it is - in the original 100% state.
- Packaging** 25 kg LDPE bags
- Storage** **THERMOBREAK** should be stored at a dry place in the absence of direct sunlight. Material does not require any special way of handling.