



# TABOND 3043

**TABOND 3043** is HDPE modified with maleic anhydride functional groups which promote bonding with different materials like polar polymers, metals and surface treated glass.

## Description

**TABOND 3043** is characteristic with strong adhesion to aminosilane treated glass, Nylon, EVOH, PET, PBT, PC, aluminium, brass and steel. TABOND 3043 has properties and processing like polyolefins and adhesion durability.



AUTOMOTIVE  
APPLICATIONS

## Application

- Tube coextrusion - PE with EVAL or PA
- Blow moulding coextrusion - PE with PA or EVOH
- Sheet coextrusion - PE with PA, EVAL, PET, PBT, PP
- Bonding agent for extrusion coating of aluminium or steel with PE (also for steel coated with epoxy resin)
- Chemical coupling agent for PE composites and Wire&Cable compounds containing fillers such as ATH, MG(OH)<sub>2</sub>, glassfiber etc. (recommended concentration 1,5 - 5%)
- Compatibilizer for alloys of PE with PA, EVOH, PET, PP or PBT (recommended concentration 2 - 5%)
- Additive for recycling of polyolefin's with polar polymers



CONSTRUCTION  
APPLICATIONS



GENERAL  
APPLICATIONS

## Properties

|          | Properties                       | Test method | Unit              | Typical value |
|----------|----------------------------------|-------------|-------------------|---------------|
| Physical | Density                          | ISO 1183-1  | g/cm <sup>3</sup> | 0,960         |
|          | Melt Flow Index (190°C/ 2,16 kg) | ISO 1133    | g/10 min          | 2,6           |
|          | Melting point                    | DSC         | °C                | 132,0         |

**Notes\*** The above values are typical for this material, not standardized.



HYGIENIC  
APPLICATIONS

## Storage and handling

**TABOND 3043** contains traces of non-bonded maleic anhydride, which is an irritating substance. The work place should have an effective ventilation system. Please pay attention to the instruction in the safety data sheet. Shelf life in original packaging is 12 months from the production date printed on the packaging.

## Packaging

**TABOND 3043** is supplied in 20 kg bags.