

## **TABOND 3047 ADHESIVE RESIN**

TABOND 3047 is MDPE modified with maleic anhydride functional groups which promote bonding with different materials like polar polymers, metals and surface treated glass.

### Characteristics:

- Strong adhesion to aminosilane treated glass, Nylon, EVOH, PET, PBT, PC, aluminium, copper, brass and steel.
- Adhesion durability
- Polyolefin like properties and processing

### Applications:

- Tube co-extrusion - PE with PA or EVAL
- Blow moulding co-extrusion - PE with PA or EVOH
- Sheet co-extrusion - 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,  $MG(OH)_2$ , 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.

### Physical properties

|                                   |       |                   |
|-----------------------------------|-------|-------------------|
| Density                           | 0.920 | g/cm <sup>3</sup> |
| Melt flow index (2.16 kg, 190 °C) | 17,5  | [g/10 min] min    |
| Melting point (DSC)               | 120   | °C                |

Appearance: White, free -flowing pellets.

Storage and handling: TABOND 3047 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.

Packaging: TABOND 3047 is supplied in 25 kg bags.