

## **TABOND 2002 ADHESIVE RESIN**

TABOND 2002 is ethylene-octene Plastomer / LLDPE 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, PA, EVOH, PET, PBT, PC, aluminium, copper, brass and steel.
- Adhesion durability
- Polyolefin like properties and processing

### Applications:

- Impact modifier for PP
- Blow moulding co-extrusion - PE with PA or EVOH
- Sheet co-extrusion - PE with PA, EVOH, 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	0.890	$g/cm^3$
Melt flow index (5,0 kg, 190 °C)	1,40	[g/10 min] min
Melting point (DSC)	112	°C

Appearance: White, free -flowing pellets.

Storage and handling: Tabond 2002 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.

Tabond 2002 has to be stored in a cool and dry place. At a maximum room temperature of 25°C the storage life is one year. Storage at higher temperatures may impair the quality of the Masterbatch.

Packaging: Tabond 2002 is supplied in 25 kg ALU/PE bags.