

## TABOND 2003 ADHESIVE RESIN

TABOND 2003 is a ethylene-octene copolymer modified with maleic anhydride functional groups.

### 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	0,88	$g/cm^3$
Melt flow index 190 °C, 2,16 kg	2,5	g/10 min
Melting point (DSC)	65	°C
Shore A (15s)	71,6	

Appearance: White, free -flowing pellets.

Packaging: TABOND 2003 is supplied in 25 kg bags.

### Storage and handling (Security):

TABOND 2003 may contain 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 instructions in the safety data sheet.