

TABOND 2006 ADHESIVE RESIN

Tabond 2006 is a chemically modified thermoplastic polyolefin 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 - PP with PA or EVOH
- Blow moulding co-extrusion - PP with PA or EVOH
- Sheet co-extrusion - PP with PA, EVOH, PET, PBT
- Bonding agent for extrusion coating of aluminium or steel with PP (also for steel coated with epoxy resin)
- Chemical coupling agent for PP composites
- and Wire&Cable compounds containing fillers such as ATH, $MG(OH)_2$, glassfiber etc. (recommended concentration 1.5 - 5%)
- Compatibilizer for alloys of PP with PA, EVOH, PET 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 190 °C, 2,16 kg	1,6	$g/10\ min$
Melting point (DSC)	160	°C
Tensile strength at break	10	Mpa
Elongation at break	177	%
Shore D	41	15s

Appearance: White, free -flowing pellets.

Packaging: TABOND 2006 is supplied in 25 kg bags.

Storage and handling (Security):

TABOND 2006 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.