



TABOND 3044

TABOND 3044 is LLDPE modified with maleic anhydride functional groups which promote bonding with different materials like polar polymers, metals and surface treated glass.

Description

TABOND 3044 is characteristic with strong adhesion to aminosilane treated glass, Nylon, EVOH, PET, PBT, PC, aluminium, copper, brass and steel. TABOND 3044 has properties and processing like polyolefins and adhesion durability.



AUTOMOTIVE
APPLICATIONS

Application

- Tube coextrusion - PE with EVOH or PA
- Blow moulding coextrusion - PE with PA or EVOH
- Sheet coextrusion - 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.



CONSTRUCTION
APPLICATIONS

Properties

	Properties	Test method	Unit	Typical value
Physical	Density	ISO 1183-1	g/cm ³	0,930
	Melt Flow Index (190°C/ 2,16 kg)	ISO 1133	g/10 min	1,3
	Melting point	DSC	°C	124,0

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



GENERAL
APPLICATIONS

Storage and handling

TABOND 3044 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.



HYGIENIC
APPLICATIONS

Packaging

TABOND 3044 is supplied in 20 kg bags.