

# Olebond 7402 AE

**Olebond 7402 AE** is maleic anhydride modified polyethylene. Tisan recommends this product to use with glass fibers and other fillers in polyethylene compounds. **Olebond 7402 AE** promotes adhesion between polymer matrix and fillers in compounds. It is designed to be used as coupling agent in PE resins and mineral filler or natural fibers. This product is also suitable for multi-layer steel pipe coating systems. **Olebond 7402 AE** has easy processability, advanced adhesion strength and long durability.

**APPLICATIONS:** **Olebond 7402 AE** is used as a coupling agent in PE compounds. It can be used to bond the polymer matrices in PE blends with other polymer especially polyamides. **Olebond 7402 AE** is also used in sheet co-extrusion, blow molding, tube co-extrusion of PE and multilayer pipes with aluminum.

	Olebond 7402 AE	Test Method
Density (g/cm <sup>3</sup> )	0.93	ISO 1183
Melt Flow Index (MFR) (g/10 min)*	3-5	ISO 1133
Graft level (%)**	High	Tisan test method
Melting Point	122	ISO 11357
Appearance***	Natural or yellowish	Tisan test method

\*190°C, 2.16 kg

\*\*Low: 0.1-0.3%, Medium: 0.3-0.5%, High: 0.5-1%

\*\*\*: The color of the product is natural, but it can be also yellowish. The difference in color does not affect the performance of the product.

## Packaging, Storage & Handling:

**Olebond 7402 AE** is packed as 25 kg

Stored in dry place and prevent from direct sunlight.

**Olebond 7402 AE** contains non-bonded maleic anhydride, which is an irritating substance.

Use in a work place with an efficient ventilation system.