

## Technical specification for chemical safety

### PE Coupling agent

#### Description

PE based coupling agent will increase the fusion of the two polymers, and by utilizing intermolecular bonding forces, the two originally incompatible polymers can be stably mixed together.

This series of products is a copolymer compatibilizer for maleic anhydride grafted PE (polyethylene). It is used as a compatibility and toughening agent for PE (polyethylene) products, improving product compatibility while increasing toughness.

#### Technical Index

Product Name		PE Compatibilizer			
No.	Testing Items	Unit	Index	Result	Testing Method
1	Appearance	/	White or yellowish particles	Yellowish particles	Visual inspection
2	Melt index	g/10min	0.5-1.2	0.7±0.1	GB/T 3682
3	Grafting ratio	%	0.6-1.2	0.95	General titration/FTIR

#### Usage and Application

It is widely used for compatibility and toughening of polyethylene products.

Mix with PE (polyethylene) resin for granulation, with a recommended addition of 3-10%.

#### Packing & Storage

-Paper/PE/valve side bags (25kg N.W) or plastic woven container sack or according to customer's requirement.

-25kg/bag, or as customer required. 20ft Container can load 17 tons without pallet. 40ft Container can load 26 tons without pallet.

-Stored in cool, dry place, to avoid high temperature, the product is valid for one year.

#### Application:

