

VENLOBOND-PE41

PRODUCT IDENTIFICATION

- **Chemical Name:** Maleic Anhydride Grafted PE
- **Physical Form:** White Granule
- **CAS Number:** 106343-08-2

VENLOBOND-PE41 is a maleic anhydride grafted linear low-density polyethylene, supplied in pellet form, natural color. The specific nature and amount of the polar groups grafted onto the polymer and the rheology of the grafted polymer have been optimized for its use as a coupling agent, in particular for highly filled halogen-free flame-retardant compounds based on ethylene copolymers.

SPECIFICATION

Properties	Test Methods	Units	Values
Density @ 23°C	ISO 1183 – ASTM D1505	g/cm ³	0.92
Melt Flow Rate (190°C/2.16 kg)	ISO 1133 – ASTM D1238	g/10 min	< 2
Vicat Softening Temperature A50 (10N)	ISO 306 – ASTM D1525	°C	95
Melting point (DSC)	ISO 11357-3 – ASTM D 3418	°C	121

APPLICATIONS

- VENLOBOND-PE41 is recommended for use as a coupling agent in halogen free flame-retardant compounds such as compounds for insulation and sheathing of wires and cables.

PACKAGING & STORAGE

- Packaging: 1 pallet is 1375 kg(25kg bags)
- VENLOBOND-PE41 shall be stored indoors, in dry conditions at temperatures between -10°C and +50°C, protected from UV-light in closed (original) packaging. Improper storage can initiate degradation and negatively influence the physical properties of this product. Shelf life is 12 (twelve) months from the production date.

IMPORTANT NOTICE

Please read the Material Safety Data Sheet (MSDS) carefully before using this product.

