

FERROBOND E-183

FerroBond E-183 is a maleic anhydride modified very low density polyethylene adhesive resin. It can be processed within different extrusion and co-extrusion technologies designed to process polyolefins. It is blendable with PP random copolymer up to 50% proportion.

Applications

- Metal adhesion enhancer in metalized cast polypropylene films.
- Adhesion promoter between polyethylene or most of ethylene copolymers and polyamides and EVOH.

Key Properties

General	Typical Value (SI)	Test Method
MFI (190 °C/2.16 Kg)	6.0 g/10min	ASTM D1238
Density	0.870 g/cm ³	ASTM D792
Bonded Maleic Anhydride	Low-Medium (%)	internal method

Storage and Handling Procedures

FerroBond E-183 should be stored in a dry, cool and wellventilated area protected from UV-light. Improper storage conditions may cause degradation and thus can adversely affect the physical properties of the product.

Processing Conditions

FerroBond E-183 can be processed on most of the standard extrusion equipments designed to process conventional polyolefins. Maximum processing temperature should not generally exceed 290 °C.

Packaging

FerroBond speciality polymers are supplied in predried form in 25 Kg (55 lbs) PE lined, HD woven sack -laminated paper bags and 500 Kg (1102 lbs) FIBC's. Depending upon customer's requirement, the bags can be further palletized for dispatch. They should be stored in cool and dry place.