



Aadibond[®] E1226

Coupling Agent for

HFFR Cable Compounds, WPC

and ACP Compounds

Description:

Aadibond® E1226 is an anhydride modified Linear Low Density Polyethylene designed to use as coupling agent for aluminum trihydrate (ATH)/magnesium dihydrate (MDH) with polymer matrix in HFFR cable compounds to enhance mechanical and flame retardant properties. Its also used in wood composites for bonding wood fibre to polymer matrix to enhance mechanical properties.

Typical Applications:

- Coupling agent for HFFR Compounds
- Coupling agent for Wood Plastic Composites
- Coupling agent for Aluminum Composite Panel
- Coupling Agent or mineral fillers in polyolefin compounds
- Compatibilizer for PE/Nylon recycle materials

Typical Properties:

Property	Nominal Value	Test Method
Density	0.924 g/cm ³	ASTM D792
Melt Flow Index at 190°C & 2.16 kg	2.5 ± 0.5 g/10min	ASTM D1238
Grafting Ratio	High	Internal Method
DSC Melting Point	122°C (248°F)	ASTM D3418
Temperature Stability	Up to 290°C (554°F)	TGA Method

Packing & Storage :

- Packed in 25kg Poly bag lined with polyethylene film bag.
- The product should be stored in dry conditions protected from UV-light. Improper storage conditions may cause degradation and have consequences on physical properties of the product.

For more technical information and product safety & regulatory information:

Email us at info@aquent.in or visit our website www.aadibond.com

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