



Aadibond[®] EV5000

Functionalized EVA for
Bonding Enhancement
& Coupling Applications

Description:

Aadibond® EV5000 is a maleic anhydride functionalized ethylene-vinyl acetate (EVA) copolymer. The functionality helps in coupling of fillers or flame retardants in compounding applications and enhancement of bonding of EVA films to different substrates like polyester, paper, glass and metals.

Typical Applications:

- HFFR cables
- EVA films for lamination
- TPEs to enhance bonding in over moulding

Typical Properties:

| Property | Nominal Value | Test Method |
|--------------------------------------|-------------------------|-------------|
| Density | 0.951 g/cm ³ | ASTM D792 |
| Melt Flow Index at 190°C and 2.16 kg | 9.0 ± 0.5 g/10min | ASTM D1238 |
| Grafting Ratio | High | Internal |
| Vicat Softening Point | 40 °C | ASTM D3418 |
| Melting Point (DSC Method) | 72°C | ASTM D3418 |
| Temperature Stability | Up to 230 °C | TGA method |

Packing & Storage :

- Packed in 25 kg Poly bag lined with polyethylene film bag.
- Store in dry, cool and ventilated environment
- Avoid exposure to water & strong light. Securely wrap the unused.

For more technical information and product safety & regulatory information:

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

Marketed by :



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