



# Aadibond<sup>®</sup> G4170

GMA functionalized

Ethylene Acrylate Polymer

for Impact Modification of Polyesters

### Description:

Aadibond® G4170 is a glycidyl methacrylate functionalized ethylene acrylate copolymer. It has excellent polarity and highly compatible with polyester polymers like PBT, PET, PCT and its blends. Its reactive with COOH, OH and NH<sub>2</sub> end groups and disperses finely imparting excellent impact resistance and flexibility to the rigid engineering plastics.

### Typical Applications:

- Impact Modifier for PBT, PET, PCT, PC/PBT, PC/PET, PBT/PET blends.
- Compatibilizer for PBT/ABS, PET/ABS, PC/PBT and PC/PET.
- Compatibilizer for PET/PE & PET/PP packaging waste.

### Typical Properties:

Property	Nominal Value	Test Method
Density	0.940 g/cm <sup>3</sup>	ASTM D792
Melt Flow Index at 190°C and 2.16kg	5.0 ± 7.0g/10min	ASTM D1238
Grafting Ratio	Very High	Internal
Softening Temperature	50°C	Internal
Temperature Stability	Up to 280°C	TGA method

### Packing & Storage :

- Packed in 25kg Poly bag lined with polyethylene film bag.
- Store in dry environment & avoid exposure to water & strong light.
- Securely wrap the unused for re-using.

For more technical information and product safety & regulatory information:

Email us at [info@aquent.in](mailto:info@aquent.in) or visit our website [www.aadibond.com](http://www.aadibond.com)

### Marketed by :



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