



# Aadibond<sup>®</sup> G3170

GMA functionalized

Speciality Olefinic Resin

### Description:

Aadibond® G3170 is an glycidyl methacrylate functionalized speciality olefinic resin having low temperature flexibility designed to use as impact modifier for PBT & PET to enhance the impact resistance performance. It is used for toughening of Polyesters such as PET & PBT. It's 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.
- Toughening agent for Polyesters such as PET & PBT.
- Chemical coupling agent for mineral and glass fillers in PET & PBT compounds.
- Impact modifier for full range of filled and unfilled PET & PBT.

### Typical Properties:

Property	Nominal Value	Test Method
Density	0.868 g/cm <sup>3</sup>	ASTM D792
Melt Flow Index at 190°C and 2.16 kg	4.55 ± 0.5 g/10min	ASTM D1238
Grafting Ratio	Very High	Internal
DSC Melting Point	55°C	ASTM D3418
Temperature Stability	Up to 300°C	TGA Method

### Packing & Storage :

- Packed in 20kgs 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](mailto:info@aquent.in) or visit our website [www.aadibond.com](http://www.aadibond.com)

### Marketed by :



**Aquent Advance Material Technologies Pvt Ltd**

607, Universal Majestic, Off. Eastern Express Highway  
Chembur (W), Mumbai 400043. INDIA.

Phone: +91 (0) 22-61918808 Mobile: +91 9167775050

Email: [info@aquent.in](mailto:info@aquent.in) | web: [www.aadibond.com](http://www.aadibond.com)