



**AADEE**  
Innovative Solutions

**Aadibond<sup>®</sup> N1493**

Functional POE for  
Impact Modification of  
Polyamides

### Description:

Aadibond® N1493 is an anhydride modified Polyolefin Elastomer designed to use as modifier for Polyamides like Nylon6 and Nylon66 to enhance the impact resistance performance.

### Typical Applications:

- Impact Modifier for unfilled & glass filled Nylon 6 & Nylon 66
- Modifier for super tough Nylons
- Modifier for low temperature ductility up to -40°C in Nylons
- Compatibilizer for Nylons with Polyolefins

### Typical Properties:

Property	Nominal Value	Test Method
Density	0.868 g/cm <sup>3</sup>	ASTM D792
MFI at 190°C and 2.16 kg	2.0 ± 0.5 g/10min	ASTM D1238
Grafting Ratio	High	Aquent Method
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.

**Aadibond® N1493** shelf life is minimum 12 months from the date of manufacturing, subject to proper Handling & Storage conditions such as protection from direct or indirect sunlight exposure, temperature, contaminations, dust and chemical fumes or similar exposure, etc. If the bags are stored under the right conditions, data from actual usage suggests that the **N1493** are usable without any problem even after a period of 12 months.

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)