



AADEE
Innovative Solutions

Aadibond[®] P1613M

Coupling Agent for
Glass Filled Polypropylene
Composites

Description:

Aadibond® P1613M is an anhydride modified Polypropylene Homopolymer designed to use as coupling agent for glass fibre filled Polypropylene composites. Addition of small amount of coupling agent enhances the tensile strength, modulus, impact and heat resistance tremendously.

Typical Applications:

- Coupling agent for PP with glass fibre
- Compatibilizer for PP with Nylons
- Adhesion enhancer for PP nonwoven for printing inks

Typical Properties:

Property	Nominal Value	Test Method
Density	0.905 g/cm ³	ASTM D792
MFI at 190°C and 1.2kg	30 ± 5 g/10min	ASTM D1238
MFI at 190°C and 2.16kg	65 ± 5 g/10min	
Grafting Ratio	High	FTIR Method
DSC Melting Point	156°C	ASTM D3418
Temperature Stability	Up to 300°C	TGA Method
Moisture (%)	≤ 0.01%	Internal Method

Packing & Storage :

- Packed in 25kg 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® P1613M 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 **P1613M** 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 or visit our website www.aadibond.com

Marketed by :



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