

TPE grafted by maleic anhydride

Aria Couple 1947®

Description

Aria Couple 1947® polymer resin is a maleic anhydride functionalized TPE. It has been primarily designed to act as an impact modifier for Nylons or Polyoxymethylene (POM) and coupling agent in filled polyamide compounds with high mechanical properties. This grade has been specifically developed to increase the impact resistance of polyamide.

Technical specification

- Function as a coupling agent between reinforcing materials such as glass fibers or mineral fillers and polyamide to achieve superior mechanical properties.
- Aria Couple 1947® also significantly increases the impact resistance of PA6, PA66 and also Polyoxymethylene (POM).
- Function as a coupling agent between PBT & Function as an impact modifier for toughening Nylon products such as PA6, PA66 Polyoxymethylene(POM) & etc.



Physical	Value	Method
Density	0.9	ASTM D792
Melt flow index @190°C /5 kg	6 ± 1	ASTM D1238
Maleic anhydride graft level	High	Titration method
Usage level	6-20%	–

Packaging & storage

Aria Couple 1947 is packed in 25kg bags. This bag should be stored in a cool and dry place below 30°C, protected from sunlight and tightly closed to avoid contamination.