

## Maleic anhydride grafted Polyethylene      **Aria Couple 1141<sup>®</sup>**

### Description

**Aria Couple 1141<sup>®</sup>** polymer resin is a maleic anhydride functionalized polyethylene produced by reactive extrusion. It has been primarily designed to act as a compatibilizer for polyolefin and polar polymers or fillers.

### Technical specification

- Achieve compatibility between non-polar polyolefins and polar materials.
- Function as a coupling agent between reinforcing fillers and polyolefin polymers.
- Achieve dimensional stability and increase smooth surface of final products.
- Balance mechanical properties and cost efficiency.

Physical	Value	Method
density	0.945	ASTM D792
Melt flow index @190°C /5 kg	1±0.3	ASTM D1238
Maleic anhydride graft level	Very high	Titration method
Usage level	1.5-5%	–

### Packaging & storage

**Aria Couple 1141<sup>®</sup>** is packed in 25kg bags. This bag should be stored in a cool and dry place below 40°C, protected from sunlight and tightly closed to avoid contamination.