

ABS grafted maleic anhydride

Aria Couple 1732[®]

Description

Aria couple 1732[®] polymer resin is a very high maleic anhydride functionalized Acrylonitrile Butadiene Styrene (ABS). It has been primarily designed to act as a compatibilizer in ABS compounds and alloys for improving mechanical properties.

Application

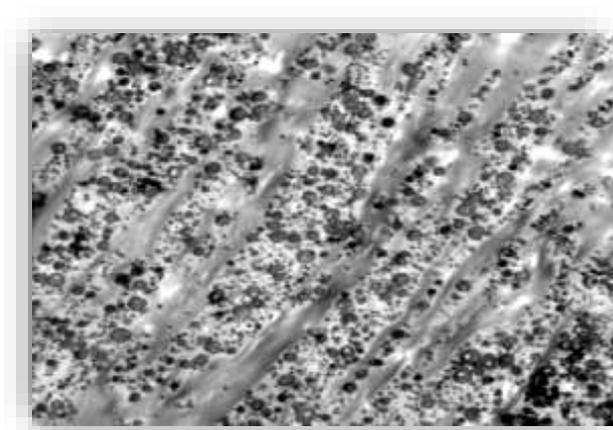
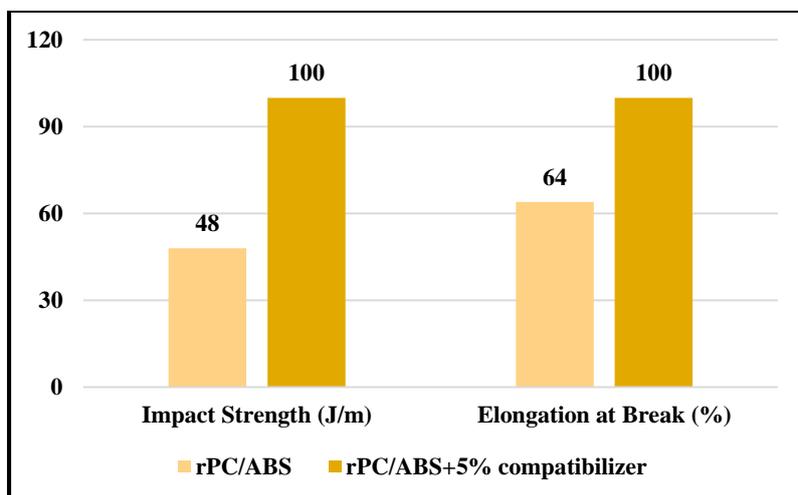
- Function as a coupling agent between reinforcing materials such as glass fibers and ABS to achieve good mechanical properties
- Achieve effective compatibility between PC and ABS to reach high mechanical and thermal properties
- Improve interfacial properties recycled PC and ABS



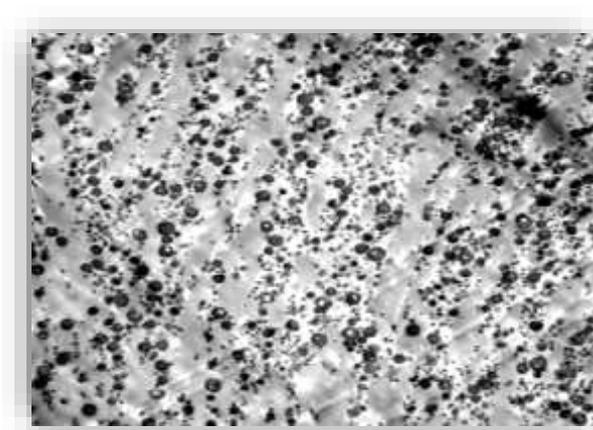
Physical	Value	Method
density	1.06	ASTM D792
Melt flow index @230°C /5kg	11±1.5	ASTM D1238
Maleic anhydride graft level	high	Titration method
Usage level	3.5-7.5%	–

Maleic Anhydride Grafted ABS Application Effectiveness

Typical value of recycled PC / ABS (75/25 w/w) containing 5 wt% Aria couple 1732



rPC/ABS



rPC/ABS/5% 1732

Packaging & storage

Aria Couple 1732[®] 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.