

Technical Datasheet

Product: Maleic Anhydride Grafted ABS

Grade: C1ABS-gMA

Product Description:

C1ABS-gMA 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.

Appearance:

Host Polymer	ABS
Appearance	Granules
Color	Yellowish

Physical Properties:

Properties	Unit	Value	Standard
Melt Flow Index (220°C , 10 Kg)	g/10min	>40	ASTM D1238
Specific Gravity	g/cm ³	1.04	ASTM D792
Maleic Content	%	High	Internal method

Dosage : Depending on the type of application, between 3-8%.

Note: The information provided in this data sheet is based on our present state of knowledge and is estimated by Payesh C-One Polymer Co.. This information should not be used as guaranteeing specification limits. Payesh C-One Polymer Co. make no warranty and liability in connection with any use of this information.