



DeFlash Media



Product Description and Technical Data:

DeFlash Media is an abrasive originally designed for use in the semiconductor manufacturing industry for deflashing IC leadframes.

Due to low production rates or warpage problems caused by using glass beads and soft abrasives, DeFlash Media was developed as an alternative.

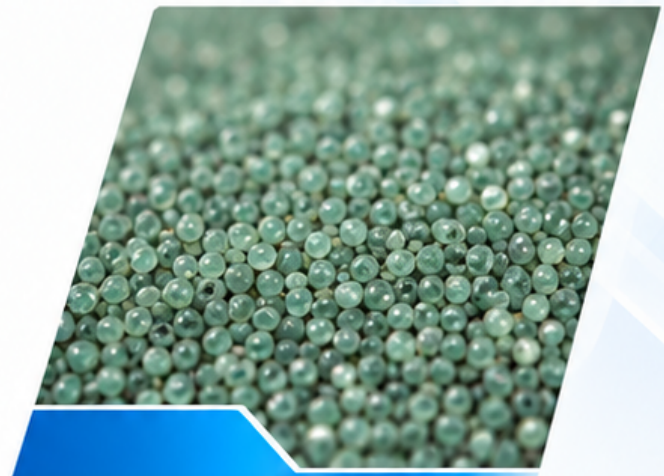
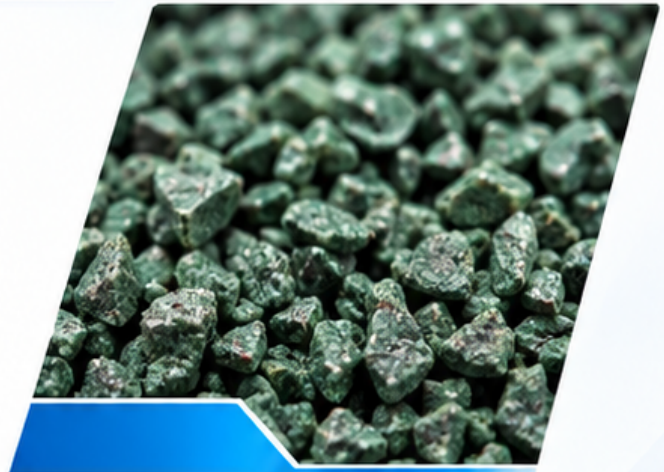
The abrasive is a mixture of both QuickCut™ Aluminium Oxide and BrightBlast™ Glass Beads. This combination allows IC leadframes to be deflashed providing a smooth surface finish, as achievable with glass beads, but at a higher production rate.

The angular QuickCut™ also aids in the removal of tightly adhered flash, that would not normally be removed by glass beads alone.

By altering the proportion of each abrasive type, DeFlash Media can be fine tuned to suit individual requirements depending on the application.

Due to the versatility of the proportions of QuickCut™ Aluminium Oxide and BrightBlast™ Glass Beads in the abrasive mix, DeFlash Media may also be used for deflashing or surface finishing a variety of components where the use of the individual abrasive does not achieve the desired result or finish.

In order to ensure consistency within individual batches, DeFlash Media is produced by a vibratory mixing process to provide thorough mixing and even particle distribution. DeFlash Media is widely used in, and suitable for both dry and wet deflashing/blasting processes.





DeFlash Abrasive Properties:

QuickCut™ Aluminium Oxide	
Shape	Angular
Hardness (HRC min)	9
Bulk Density (kg/m³)	2400
Particle S.G.	3.9 - 3.94
Colour	Brown
Al ₂ O ₃	> 94.0 %
Fe ₂ O ₃	< 0.16 %
TiO ₂	< 3.6 %
SiO ₂	< 1.3 %
CaO	0.5 %
Na ₂ O	N/A

BrightBlast™ Glass Beads	
Shape	Spherical
Hardness (HRC min)	5.5
Bulk Density (kg/m³)	1500
Particle S.G.	2.45 - 2.5
Colour	Clear
Free Silica %	0



DeFlash Available Sizes:

Grade	31 - IC		41 - IC	
Component	QuickCut™ #120	BrightBlast™ GB10	QuickCut™ #120	BrightBlast™ GB10
Microns	125	90 - 150	125	90 - 150
Inch	0.004	0.003 - 0.006	0.004	0.003 - 0.006

DeFlash Packaging:

25kg Bags	1 Tonne Pallet (40 x 25kg Bags)
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DeFlash Ordering Information:

Stock Code	AOT-OADMXX
Key	XX - Product Grade (e.g. 31 for 31- IC)