


Creating Additive Value



MAGRABAR® Defoamers for Beverages

	MAGRABAR 4000	MAGRABAR PD-920	MAGRABAR 2010	MAGRABAR 3001	MAGRABAR PD-4447	MAGRABAR PD-602	MAGRABAR 10-SN
							
Chemistry	Vegetable Oil Based	Food Grade Glycerides (E471)	Vegetable Oil Based	Vegetable Oil Based	Polyoxyalkylene Glycol Based	Vegetable Oil Based	Silicone Emulsion
Non-GMO	✓	✓	✓	✓			
Silicone Free	✓	✓	✓	✓	✓		
Food Additive	✓	✓	✓	✓			
Processing Aid	✓	✓	✓	✓	✓	✓	✓
Dispensing Systems	✓	✓	✓	✓			
Filling Process	✓	✓	✓	✓	✓	✓	✓

While clean label is not strictly defined, they can be attributed to defoamers that are vegetable oil based, silicone-free, Non-GMO and organic compliant.



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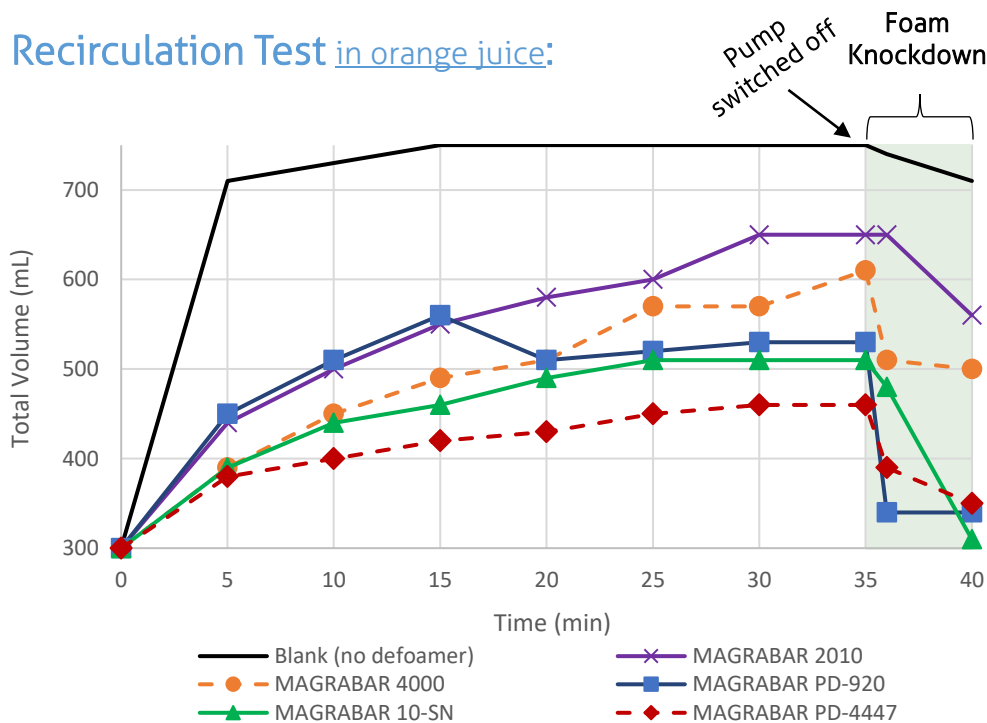
Carbonator Foam Test in cola syrup:



Testing Method:

- » 400mL of a diluted cola syrup with 25ppm defoamer was prepared in a 500mL bottle and tested in a carbonator foam test. Carbon dioxide (CO₂) was added for 2 seconds.
- » Pictures were taken after carbon dioxide addition.

Recirculation Test in orange juice:



Testing Method:

- » Using a peristaltic pump, an orange juice was continuously recirculated within a 1000 mL graduated cylinder.
- » The total volume was recorded at specific times during the test.
- » Once the recirculating action was stopped, the collapse was recorded by monitoring the foam volume over time.

*All defoamers dosed at 0.05%

