

<b>828/DEA/GMB Batching Sheet</b>	Date:	
Batch No. : B	Made By:	
<b>Materials Used:</b>	<b>Quantity:</b>	
EPON 828		
DEA		
GMB		
Mix ratio: 100:12:28 (828:DEA:GMB)		
<b>Samples Made:</b>	<b>Quantity:</b>	
Syringes		
<b>Process:</b>		
	Pre-heat Semco metal sleeve, cups, resin and hardener at 70C for at least 1 hr prior to use. Sift GMB and reheat at 110C.	
	Weigh out the appropriate mass of resin, heat, then the GMB. Mix until thoroughly combined and the consistency of toothpaste.	
	Mix in hardener and stir until well combined.	
	Place mixture in the 70C vacuum oven and pull a vacuum until the mixture breaks using the vacuum knob and release valve to ensure the mixture doesn't foam over the top of the cup. After the mixture breaks continue to vacuum for 2-3 min.	
	Carefully pour mixture into tape sealed Semco tube and revacuum for 2-3 min. Insert plunger into the open end of the tube and cut the tape and replace with the tip. Cover with metal sleeve and screw into the cocking gun.	
	Use gun to fill sealed syringes. When all epoxy is in syringes, place filled syringe racks in 70C oven for 24 hours.	

Notes: